

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092622\
 Data File : VD074425.D
 Acq On : 26 Sep 2022 18:07
 Operator : VA/SY
 Sample : VD0926SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0926SBS01

Quant Time: Sep 27 04:09:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092622S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 03:19:14 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/27/2022
 Supervised By :mohammad ahmed 09/27/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	60321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	94865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	89310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	43960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	25196	48.517	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.040%		
35) Dibromofluoromethane	7.805	113	32445	50.869	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.740%		
50) Toluene-d8	10.269	98	115264	53.429	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	106.860%		
62) 4-Bromofluorobenzene	12.569	95	35351	46.519	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	10830	21.866	ug/l	95
3) Chloromethane	2.140	50	11163	23.438	ug/l	92
4) Vinyl Chloride	2.276	62	9180	21.604	ug/l	94
5) Bromomethane	2.676	94	7610	23.304	ug/l	97
6) Chloroethane	2.823	64	6502	22.339	ug/l	90
7) Trichlorofluoromethane	3.170	101	20365	20.782	ug/l	99
8) Diethyl Ether	3.593	74	6012	20.810	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.964	101	14172	21.316	ug/l	98
10) Methyl Iodide	4.158	142	10624	19.858	ug/l	99
11) Tert butyl alcohol	5.034	59	10308	159.726	ug/l #	84
12) 1,1-Dichloroethene	3.928	96	13412	21.382	ug/l	83
13) Acrolein	3.787	56	4034	111.941	ug/l	98
14) Allyl chloride	4.558	41	13641	21.090	ug/l	98
15) Acrylonitrile	5.252	53	12080	98.580	ug/l	93
16) Acetone	4.028	43	9378	93.085	ug/l	99
17) Carbon Disulfide	4.264	76	33970	23.657	ug/l	98
18) Methyl Acetate	4.564	43	6693	22.112	ug/l	99
19) Methyl tert-butyl Ether	5.317	73	28051	20.806	ug/l	97
20) Methylene Chloride	4.799	84	20542	23.028	ug/l	97
21) trans-1,2-Dichloroethene	5.311	96	14468	21.702	ug/l	99
22) Diisopropyl ether	6.216	45	31554	21.332	ug/l #	91
23) Vinyl Acetate	6.152	43	65380m	104.117	ug/l	
24) 1,1-Dichloroethane	6.111	63	23066	20.703	ug/l	98
25) 2-Butanone	7.081	43	13725	99.421	ug/l	95
26) 2,2-Dichloropropane	7.069	77	21582	20.829	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	17105	21.618	ug/l	99
28) Bromochloromethane	7.428	49	7562	21.306	ug/l #	99
29) Tetrahydrofuran	7.440	42	8354	106.582	ug/l	98
30) Chloroform	7.593	83	26790	21.367	ug/l	99
31) Cyclohexane	7.875	56	18681	21.186	ug/l	90
32) 1,1,1-Trichloroethane	7.787	97	24155	22.446	ug/l	97
36) 1,1-Dichloropropene	8.005	75	19546	22.690	ug/l	96
37) Ethyl Acetate	7.169	43	6267	22.076	ug/l	97
38) Carbon Tetrachloride	7.987	117	18258	22.148	ug/l	91
39) Methylcyclohexane	9.269	83	21963	21.515	ug/l	95
40) Benzene	8.246	78	54277	21.343	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092622\
 Data File : VD074425.D
 Acq On : 26 Sep 2022 18:07
 Operator : VA/SY
 Sample : VD0926SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0926SBS01

Quant Time: Sep 27 04:09:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092622S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 03:19:14 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/27/2022
 Supervised By :mohammad ahmed 09/27/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	3321m	19.399	ug/l	
42) 1,2-Dichloroethane	8.328	62	13217	20.715	ug/l	97
43) Isopropyl Acetate	8.363	43	11485	20.810	ug/l	98
44) Trichloroethene	9.028	130	16299	20.954	ug/l	95
45) 1,2-Dichloropropane	9.305	63	12986	21.533	ug/l	99
46) Dibromomethane	9.393	93	7948	22.308	ug/l	97
47) Bromodichloromethane	9.581	83	19101	20.731	ug/l #	89
48) Methyl methacrylate	9.375	41	5768	23.399	ug/l	96
49) 1,4-Dioxane	9.381	88	1506	406.219	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	30156	106.323	ug/l	99
52) Toluene	10.334	92	36434	22.166	ug/l	96
53) t-1,3-Dichloropropene	10.552	75	16042	20.948	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	20864	21.347	ug/l	96
55) 1,1,2-Trichloroethane	10.728	97	11072	22.322	ug/l	98
56) Ethyl methacrylate	10.593	69	12005	21.574	ug/l	98
57) 1,3-Dichloropropane	10.881	76	17778	21.983	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	7029	99.062	ug/l	99
59) 2-Hexanone	10.916	43	20696	108.114	ug/l	97
60) Dibromochloromethane	11.069	129	14080	22.664	ug/l	100
61) 1,2-Dibromoethane	11.175	107	10307	21.375	ug/l	100
64) Tetrachloroethene	10.810	164	14394	20.782	ug/l	94
65) Chlorobenzene	11.604	112	40836	21.112	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	14140	20.195	ug/l	95
67) Ethyl Benzene	11.681	91	71519	21.016	ug/l	94
68) m/p-Xylenes	11.793	106	56014	41.939	ug/l	100
69) o-Xylene	12.116	106	25186	20.336	ug/l	96
70) Styrene	12.134	104	42835	19.841	ug/l	98
71) Bromoform	12.299	173	7756	20.102	ug/l #	97
73) Isopropylbenzene	12.416	105	68017	20.841	ug/l	100
74) N-amyl acetate	12.228	43	10189	19.806	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.669	83	11916	20.928	ug/l	97
76) 1,2,3-Trichloropropane	12.716	75	6786m	19.736	ug/l	
77) Bromobenzene	12.698	156	16242	21.009	ug/l	98
78) n-propylbenzene	12.757	91	83118	21.170	ug/l	99
79) 2-Chlorotoluene	12.846	91	44168	20.844	ug/l	100
80) 1,3,5-Trimethylbenzene	12.899	105	56811	21.042	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.463	75	2896	20.553	ug/l	88
82) 4-Chlorotoluene	12.940	91	45782	21.074	ug/l	100
83) tert-Butylbenzene	13.163	119	50601	20.709	ug/l	99
84) 1,2,4-Trimethylbenzene	13.204	105	55433	20.623	ug/l	99
85) sec-Butylbenzene	13.340	105	75760	20.717	ug/l	100
86) p-Isopropyltoluene	13.457	119	63113	20.649	ug/l	99
87) 1,3-Dichlorobenzene	13.451	146	32432	20.438	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	32636	20.546	ug/l	98
89) n-Butylbenzene	13.781	91	58062	20.488	ug/l	99
90) Hexachloroethane	14.046	117	11054	20.432	ug/l	100
91) 1,2-Dichlorobenzene	13.828	146	28272	20.433	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1580	21.028	ug/l	93
93) 1,2,4-Trichlorobenzene	15.092	180	18310	19.542	ug/l	98
94) Hexachlorobutadiene	15.198	225	10427	20.305	ug/l	97
95) Naphthalene	15.328	128	33436	19.595	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	16207	20.171	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092622\
Data File : VD074425.D
Acq On : 26 Sep 2022 18:07
Operator : VA/SY
Sample : VD0926SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

Quant Time: Sep 27 04:09:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092622S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 27 03:19:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

