

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081922\
 Data File : VD074150.D
 Acq On : 19 Aug 2022 15:59
 Operator : VA/SY
 Sample : VD0819SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0819SBS02

Quant Time: Aug 20 01:24:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 19 09:25:06 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 08/22/2022
 Supervised By :Mahesh Dadoda 08/22/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	179306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	300644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	273125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	135035	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	62150	46.147	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.300%		
35) Dibromofluoromethane	7.903	113	77794	53.043	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	106.080%		
50) Toluene-d8	10.326	98	193137	46.523	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.040%		
62) 4-Bromofluorobenzene	12.620	95	105039	46.692	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.380%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	43181	22.850	ug/l	97
3) Chloromethane	2.209	50	28556	17.698	ug/l	100
4) Vinyl Chloride	2.344	62	27260	17.933	ug/l	90
5) Bromomethane	2.750	94	16238	17.906	ug/l	95
6) Chloroethane	2.909	64	16940	18.334	ug/l	94
7) Trichlorofluoromethane	3.262	101	68854	19.833	ug/l	93
8) Diethyl Ether	3.697	74	17923	18.500	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.085	101	41714	20.395	ug/l	97
10) Methyl Iodide	4.297	142	44380	18.969	ug/l	98
11) Tert butyl alcohol	5.226	59	15218	107.229	ug/l #	94
12) 1,1-Dichloroethene	4.062	96	36639	19.009	ug/l	84
13) Acrolein	3.926	56	15490	96.681	ug/l	100
14) Allyl chloride	4.709	41	57948	18.270	ug/l	95
15) Acrylonitrile	5.415	53	41106	87.848	ug/l	97
16) Acetone	4.156	43	34116	88.315	ug/l	100
17) Carbon Disulfide	4.403	76	121165	18.716	ug/l	98
18) Methyl Acetate	4.715	43	21704	17.981	ug/l	91
19) Methyl tert-butyl Ether	5.479	73	80423	18.010	ug/l #	90
20) Methylene Chloride	4.956	84	59204	14.780	ug/l	90
21) trans-1,2-Dichloroethene	5.462	96	42854	19.184	ug/l	90
22) Diisopropyl ether	6.356	45	116350	18.482	ug/l #	94
23) Vinyl Acetate	6.297	43	302368	90.437	ug/l #	94
24) 1,1-Dichloroethane	6.256	63	76990	19.319	ug/l	97
25) 2-Butanone	7.209	43	57248	90.822	ug/l	96
26) 2,2-Dichloropropane	7.197	77	69618	20.355	ug/l	100
27) cis-1,2-Dichloroethene	7.197	96	46311	19.343	ug/l	98
28) Bromochloromethane	7.538	49	24835	19.570	ug/l #	83
29) Tetrahydrofuran	7.561	42	33509	87.655	ug/l	91
30) Chloroform	7.703	83	78172	19.015	ug/l	98
31) Cyclohexane	7.979	56	68994	18.170	ug/l #	82
32) 1,1,1-Trichloroethane	7.891	97	72312	19.769	ug/l	97
36) 1,1-Dichloropropene	8.103	75	60364	19.615	ug/l	97
37) Ethyl Acetate	7.285	43	26161	18.970	ug/l	96
38) Carbon Tetrachloride	8.091	117	60149	19.764	ug/l	97
39) Methylcyclohexane	9.350	83	66357	18.500	ug/l	97
40) Benzene	8.344	78	168552	19.835	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	13714	19.325	ug/l #	91
42) 1,2-Dichloroethane	8.409	62	50052	19.805	ug/l	100
43) Isopropyl Acetate	8.444	43	46264	18.115	ug/l #	91
44) Trichloroethene	9.103	130	47472	20.686	ug/l	82
45) 1,2-Dichloropropane	9.379	63	42071	19.541	ug/l	96
46) Dibromomethane	9.461	93	23791	19.818	ug/l	98
47) Bromodichloromethane	9.655	83	60749	20.015	ug/l	92
48) Methyl methacrylate	9.450	41	22565	17.928	ug/l	90
49) 1,4-Dioxane	9.456	88	5140	399.424	ug/l	99
51) 4-Methyl-2-Pentanone	10.214	43	118712	90.319	ug/l	94
52) Toluene	10.391	92	105267	20.073	ug/l	96
53) t-1,3-Dichloropropene	10.608	75	53443	19.379	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	63709	19.355	ug/l	91
55) 1,1,2-Trichloroethane	10.791	97	31392	19.862	ug/l	96
56) Ethyl methacrylate	10.650	69	33774	17.477	ug/l	91
57) 1,3-Dichloropropane	10.938	76	51824	18.520	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	61260	108.149	ug/l	93
59) 2-Hexanone	10.973	43	79486	90.670	ug/l	97
60) Dibromochloromethane	11.126	129	39481	19.836	ug/l	99
61) 1,2-Dibromoethane	11.232	107	30908	20.127	ug/l	96
64) Tetrachloroethene	10.867	164	37959	20.475	ug/l	91
65) Chlorobenzene	11.661	112	113267	20.388	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.732	131	41858	20.829	ug/l	97
67) Ethyl Benzene	11.732	91	191535	19.522	ug/l	96
68) m/p-Xylenes	11.838	106	153577	40.724	ug/l	98
69) o-Xylene	12.167	106	68916	19.552	ug/l	96
70) Styrene	12.179	104	124292	20.643	ug/l	98
71) Bromoform	12.344	173	22441	20.883	ug/l #	99
73) Isopropylbenzene	12.467	105	184256	18.736	ug/l	99
74) N-amyl acetate	12.273	43	41776	16.924	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.714	83	34796	18.482	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	28401m	20.310	ug/l	
77) Bromobenzene	12.749	156	43822	19.435	ug/l	89
78) n-propylbenzene	12.802	91	230305	18.889	ug/l	97
79) 2-Chlorotoluene	12.891	91	135069	19.303	ug/l	98
80) 1,3,5-Trimethylbenzene	12.944	105	160090	19.470	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	9535	17.842	ug/l	95
82) 4-Chlorotoluene	12.991	91	144500	19.622	ug/l	99
83) tert-Butylbenzene	13.208	119	133041	19.134	ug/l	96
84) 1,2,4-Trimethylbenzene	13.249	105	159097	19.643	ug/l	98
85) sec-Butylbenzene	13.385	105	204337	19.332	ug/l	98
86) p-Isopropyltoluene	13.496	119	169744	19.344	ug/l	99
87) 1,3-Dichlorobenzene	13.496	146	92802	20.621	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	88803	19.761	ug/l	98
89) n-Butylbenzene	13.826	91	162110	18.943	ug/l	99
90) Hexachloroethane	14.091	117	33857	19.741	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	79674	20.031	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.485	75	5881	18.201	ug/l	93
93) 1,2,4-Trichlorobenzene	15.138	180	45590	19.605	ug/l	97
94) Hexachlorobutadiene	15.243	225	24006	19.462	ug/l	95
95) Naphthalene	15.379	128	81924	17.394	ug/l	99
96) 1,2,3-Trichlorobenzene	15.567	180	41123	20.052	ug/l	97

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

