

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091422\
 Data File : VD074283.D
 Acq On : 14 Sep 2022 14:25
 Operator : VA/SY
 Sample : VD0914SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0914SBS02

Quant Time: Sep 15 04:13:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 04:45:19 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/15/2022
 Supervised By :Mahesh Dadoda 09/15/2022

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	92712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	157443	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	143847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	69557	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	45920	48.582	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.160%		
35) Dibromofluoromethane	7.804	113	48960	46.219	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.440%		
50) Toluene-d8	10.263	98	186316	48.276	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.560%		
62) 4-Bromofluorobenzene	12.563	95	60450	44.020	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	88.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	19686	25.664	ug/l	100
3) Chloromethane	2.140	50	16719	24.124	ug/l	97
4) Vinyl Chloride	2.275	62	15906	26.941	ug/l	98
5) Bromomethane	2.664	94	9041	29.079	ug/l	86
6) Chloroethane	2.816	64	9237	26.273	ug/l	92
7) Trichlorofluoromethane	3.158	101	35390	21.545	ug/l	95
8) Diethyl Ether	3.587	74	11182	21.099	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.963	101	22863	21.633	ug/l	98
10) Methyl Iodide	4.158	142	26859	21.325	ug/l	99
11) Tert butyl alcohol	5.058	59	8070	104.684	ug/l #	74
12) 1,1-Dichloroethene	3.928	96	21894	21.460	ug/l	92
13) Acrolein	3.793	56	7031	85.806	ug/l	98
14) Allyl chloride	4.552	41	32762	20.692	ug/l	99
15) Acrylonitrile	5.252	53	26472	107.135	ug/l	98
16) Acetone	4.028	43	19904	102.019	ug/l	100
17) Carbon Disulfide	4.263	76	65346	22.203	ug/l	98
18) Methyl Acetate	4.563	43	14659	22.458	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	49685	20.104	ug/l	96
20) Methylene Chloride	4.793	84	41284	32.637	ug/l	93
21) trans-1,2-Dichloroethene	5.310	96	24405	21.205	ug/l	92
22) Diisopropyl ether	6.216	45	72211	21.491	ug/l	97
23) Vinyl Acetate	6.152	43	155323	97.895	ug/l #	91
24) 1,1-Dichloroethane	6.105	63	45151	21.753	ug/l	99
25) 2-Butanone	7.075	43	33236	102.140	ug/l	96
26) 2,2-Dichloropropane	7.075	77	35258	19.443	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	27519	20.927	ug/l	99
28) Bromochloromethane	7.428	49	11040	17.319	ug/l	96
29) Tetrahydrofuran	7.440	42	20774	103.556	ug/l	99
30) Chloroform	7.593	83	43991	21.354	ug/l	90
31) Cyclohexane	7.875	56	41357	21.172	ug/l	97
32) 1,1,1-Trichloroethane	7.787	97	37943	20.991	ug/l	97
36) 1,1-Dichloropropene	8.004	75	35049	20.567	ug/l	100
37) Ethyl Acetate	7.169	43	14024	18.977	ug/l #	95
38) Carbon Tetrachloride	7.987	117	31901	20.691	ug/l	99
39) Methylcyclohexane	9.269	83	42651	20.219	ug/l	96
40) Benzene	8.251	78	99179	21.030	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	7659	18.607	ug/l #	86
42) 1,2-Dichloroethane	8.322	62	25869	20.756	ug/l	99
43) Isopropyl Acetate	8.363	43	27606	19.340	ug/l	98
44) Trichloroethene	9.028	130	26608	20.326	ug/l	89
45) 1,2-Dichloropropane	9.304	63	25998	21.211	ug/l	98
46) Dibromomethane	9.387	93	13301	20.901	ug/l	96
47) Bromodichloromethane	9.581	83	33460	20.899	ug/l	95
48) Methyl methacrylate	9.375	41	13604	20.178	ug/l	97
49) 1,4-Dioxane	9.381	88	3233	429.007	ug/l #	93
51) 4-Methyl-2-Pentanone	10.157	43	72347	100.279	ug/l	96
52) Toluene	10.328	92	62456	20.647	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	28607	18.955	ug/l	98
54) cis-1,3-Dichloropropene	10.010	75	36933	19.862	ug/l	98
55) 1,1,2-Trichloroethane	10.728	97	17946	20.400	ug/l	93
56) Ethyl methacrylate	10.593	69	23608	20.198	ug/l	99
57) 1,3-Dichloropropane	10.875	76	31365	20.202	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	21272	92.662	ug/l	98
59) 2-Hexanone	10.916	43	49031	100.081	ug/l	99
60) Dibromochloromethane	11.069	129	22427	20.935	ug/l	94
61) 1,2-Dibromoethane	11.175	107	17268	20.624	ug/l	98
64) Tetrachloroethene	10.804	164	22080	20.076	ug/l	93
65) Chlorobenzene	11.604	112	66135	20.451	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.675	131	23001	19.859	ug/l	100
67) Ethyl Benzene	11.675	91	119320	19.753	ug/l	100
68) m/p-Xylenes	11.787	106	92092	40.169	ug/l	98
69) o-Xylene	12.116	106	43351	20.008	ug/l	99
70) Styrene	12.128	104	72929	20.181	ug/l	98
71) Bromoform	12.292	173	12485	19.363	ug/l #	98
73) Isopropylbenzene	12.416	105	115185	19.573	ug/l	99
74) N-amyl acetate	12.228	43	26148	18.867	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.663	83	21711	20.261	ug/l	99
76) 1,2,3-Trichloropropane	12.716	75	13354m	18.728	ug/l	
77) Bromobenzene	12.692	156	26043	20.166	ug/l	96
78) n-propylbenzene	12.751	91	145059	20.101	ug/l	99
79) 2-Chlorotoluene	12.839	91	78771	20.179	ug/l	99
80) 1,3,5-Trimethylbenzene	12.892	105	96718	19.836	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.463	75	4854	16.784	ug/l #	100
82) 4-Chlorotoluene	12.939	91	78141	19.662	ug/l	99
83) tert-Butylbenzene	13.157	119	82751	19.391	ug/l	99
84) 1,2,4-Trimethylbenzene	13.204	105	96307	20.346	ug/l	100
85) sec-Butylbenzene	13.334	105	130030	20.114	ug/l	100
86) p-Isopropyltoluene	13.451	119	105744	20.026	ug/l	99
87) 1,3-Dichlorobenzene	13.445	146	52691	20.005	ug/l	97
88) 1,4-Dichlorobenzene	13.528	146	53686	20.728	ug/l	99
89) n-Butylbenzene	13.775	91	104310	20.216	ug/l	98
90) Hexachloroethane	14.039	117	20205	20.918	ug/l	97
91) 1,2-Dichlorobenzene	13.816	146	45878	20.029	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.434	75	3110	20.654	ug/l	96
93) 1,2,4-Trichlorobenzene	15.086	180	29266	18.484	ug/l	98
94) Hexachlorobutadiene	15.192	225	16977	18.763	ug/l	98
95) Naphthalene	15.316	128	56490	19.094	ug/l	99
96) 1,2,3-Trichlorobenzene	15.510	180	25908	19.060	ug/l	99

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

