

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
 Data File : VD073314.D
 Acq On : 24 May 2022 07:13
 Operator : VA/SY
 Sample : N2949-14MSD
 Misc : 5.26G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P044-SS001-0612-01MSD

Quant Time: May 24 08:18:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 05/24/2022
 Supervised By :Mahesh Dadoda 05/24/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	243437	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	441541	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	404062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	171392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	169027	62.828	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.660%			
35) Dibromofluoromethane	7.908	113	167467	57.478	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.960%			
50) Toluene-d8	10.332	98	561736	52.302	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.600%			
62) 4-Bromofluorobenzene	12.620	95	186390	49.451	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.900%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	105327	43.300	ug/l	99
3) Chloromethane	2.209	50	124253	45.174	ug/l	99
4) Vinyl Chloride	2.344	62	118493	47.111	ug/l	99
5) Bromomethane	2.762	94	81798	50.794	ug/l	98
6) Chloroethane	2.914	64	81319	52.594	ug/l	96
7) Trichlorofluoromethane	3.267	101	212872	47.865	ug/l	94
8) Diethyl Ether	3.709	74	76193	62.347	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.091	101	120065	45.247	ug/l	97
10) Methyl Iodide	4.291	142	128347	44.831	ug/l	98
11) Tert butyl alcohol	5.185	59	32768	78.504	ug/l #	74
12) 1,1-Dichloroethene	4.061	96	119862	48.994	ug/l	91
14) Allyl chloride	4.714	41	205250	51.975	ug/l	90
15) Acrylonitrile	5.420	53	161926	289.763	ug/l	97
16) Acetone	4.156	43	158457	340.043	ug/l #	86
17) Carbon Disulfide	4.403	76	331584	40.885	ug/l	99
18) Methyl Acetate	4.714	43	234011	180.594	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	365819	65.636	ug/l	98
20) Methylene Chloride	4.961	84	210841	73.184	ug/l #	85
21) trans-1,2-Dichloroethene	5.467	96	153667	51.950	ug/l	93
22) Diisopropyl ether	6.361	45	490976	59.309	ug/l #	89
23) Vinyl Acetate	6.361	43	357391m	80.937	ug/l	
24) 1,1-Dichloroethane	6.261	63	293613	55.256	ug/l	97
25) 2-Butanone	7.208	43	205804	301.870	ug/l	91
26) 2,2-Dichloropropane	7.208	77	197767	43.642	ug/l	95
27) cis-1,2-Dichloroethene	7.202	96	183426	56.041	ug/l	90
28) Bromochloromethane	7.538	49	109910	60.040	ug/l #	81
29) Tetrahydrofuran	7.561	42	142903	324.161	ug/l	91
30) Chloroform	7.702	83	322814	58.191	ug/l	98
31) Cyclohexane	7.985	56	181416	38.588	ug/l	96
32) 1,1,1-Trichloroethane	7.897	97	243374	50.161	ug/l	97
36) 1,1-Dichloropropene	8.102	75	192917	44.025	ug/l	96
37) Ethyl Acetate	7.285	43	39506	22.825	ug/l #	80
38) Carbon Tetrachloride	8.091	117	205418	46.246	ug/l	98
39) Methylcyclohexane	9.349	83	170104	34.832	ug/l	98
40) Benzene	8.344	78	652062	51.633	ug/l	99
41) Methacrylonitrile	7.514	41	48897	48.487	ug/l #	81

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42) 1,2-Dichloroethane	8.420	62	197040	56.073	ug/l	96
43) Isopropyl Acetate	8.449	43	103906	32.478	ug/l #	60
44) Trichloroethene	9.108	130	161882	48.069	ug/l	92
45) 1,2-Dichloropropane	9.379	63	171656	53.972	ug/l	100
46) Dibromomethane	9.467	93	96357	55.163	ug/l	97
47) Bromodichloromethane	9.655	83	244219	54.642	ug/l	98
48) Methyl methacrylate	9.449	41	106002	65.857	ug/l #	87
49) 1,4-Dioxane	9.449	88	22744	1260.838	ug/l	92
51) 4-Methyl-2-Pentanone	10.220	43	488215	293.817	ug/l	94
52) Toluene	10.396	92	400414	50.174	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	207026	51.272	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	240083	49.687	ug/l #	86
55) 1,1,2-Trichloroethane	10.791	97	133944	56.706	ug/l	95
56) Ethyl methacrylate	10.655	69	74244	28.270	ug/l #	81
57) 1,3-Dichloropropane	10.938	76	224219	56.573	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	327157	261.144	ug/l	95
59) 2-Hexanone	10.979	43	263642	240.662	ug/l	92
60) Dibromochloromethane	11.132	129	163598	55.545	ug/l	98
61) 1,2-Dibromoethane	11.232	107	125684	55.683	ug/l	98
64) Tetrachloroethene	10.867	164	155181	58.636	ug/l	98
65) Chlorobenzene	11.661	112	405988	48.978	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	167955	54.633	ug/l	99
67) Ethyl Benzene	11.732	91	692554	47.593	ug/l	99
68) m/p-Xylenes	11.843	106	545649	96.516	ug/l	97
69) o-Xylene	12.167	106	258033	49.683	ug/l	97
70) Styrene	12.185	104	465975	52.149	ug/l	96
71) Bromoform	12.349	173	88055	55.653	ug/l #	98
73) Isopropylbenzene	12.467	105	627021	51.318	ug/l	100
74) N-amyl acetate	12.273	43	35380	13.273	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.714	83	140937	62.543	ug/l	96
76) 1,2,3-Trichloropropane	12.767	75	99777m	59.333	ug/l	
77) Bromobenzene	12.749	156	160045	55.644	ug/l	94
78) n-propylbenzene	12.808	91	759007	49.481	ug/l	99
79) 2-Chlorotoluene	12.896	91	456288	51.519	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	527484	50.963	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	36585	52.228	ug/l	92
82) 4-Chlorotoluene	12.990	91	475422	51.213	ug/l	99
83) tert-Butylbenzene	13.208	119	447957	51.353	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	531167	51.948	ug/l	98
85) sec-Butylbenzene	13.385	105	624725	46.903	ug/l	99
86) p-Isopropyltoluene	13.502	119	502425	46.274	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	285857	49.307	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	285855	48.845	ug/l	99
89) n-Butylbenzene	13.826	91	434124	41.964	ug/l	99
90) Hexachloroethane	14.096	117	108810	48.433	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	263053	52.442	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	21215	61.476	ug/l	90
93) 1,2,4-Trichlorobenzene	15.143	180	118679	41.674	ug/l	98
94) Hexachlorobutadiene	15.249	225	54406	33.903	ug/l	96
95) Naphthalene	15.379	128	258313	46.335	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	109973	43.560	ug/l	99

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

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