

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062522\
 Data File : VD073703.D
 Acq On : 25 Jun 2022 12:05
 Operator : VA/SY
 Sample : VD0625SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0625SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022
 Supervised By :Mahesh Dadoda 06/30/2022

Quant Time: Jun 27 09:34:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 07:36:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	195770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	315929	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	311263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	171430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	123120	51.204	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.400%	
35) Dibromofluoromethane	7.909	113	127221	51.693	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.380%	
50) Toluene-d8	10.332	98	429764	48.634	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.260%	
62) 4-Bromofluorobenzene	12.620	95	177695	53.615	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.220%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	40082	20.847	ug/l	92
3) Chloromethane	2.209	50	33077	19.090	ug/l	97
4) Vinyl Chloride	2.344	62	35862	20.337	ug/l	100
5) Bromomethane	2.744	94	26136	19.905	ug/l	92
6) Chloroethane	2.909	64	24025	20.227	ug/l	99
7) Trichlorofluoromethane	3.262	101	85458	20.719	ug/l	98
8) Diethyl Ether	3.709	74	21533	20.358	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.091	101	49740	21.024	ug/l	99
10) Methyl Iodide	4.291	142	39240	17.425	ug/l	99
11) Tert butyl alcohol	5.185	59	45100	107.144	ug/l #	100
12) 1,1-Dichloroethene	4.056	96	40575	20.169	ug/l	93
13) Acrolein	3.915	56	3785	93.156	ug/l	97
14) Allyl chloride	4.703	41	58292	19.653	ug/l	97
15) Acrylonitrile	5.415	53	55149	108.932	ug/l	99
16) Acetone	4.156	43	46357	115.787	ug/l	94
17) Carbon Disulfide	4.397	76	95153	18.745	ug/l	100
18) Methyl Acetate	4.715	43	27892	24.049	ug/l #	79
19) Methyl tert-butyl Ether	5.479	73	112700	21.512	ug/l	99
20) Methylene Chloride	4.956	84	61528	21.555	ug/l	89
21) trans-1,2-Dichloroethene	5.462	96	48982	20.466	ug/l	98
22) Diisopropyl ether	6.356	45	148340	22.276	ug/l	98
23) Vinyl Acetate	6.303	43	373926	107.107	ug/l	98
24) 1,1-Dichloroethane	6.250	63	95403	21.511	ug/l	98
25) 2-Butanone	7.209	43	67724	111.765	ug/l	97
26) 2,2-Dichloropropane	7.203	77	89268	21.368	ug/l	100
27) cis-1,2-Dichloroethene	7.203	96	59626	21.184	ug/l	97
28) Bromochloromethane	7.538	49	33595	21.464	ug/l	97
29) Tetrahydrofuran	7.556	42	40734	110.578	ug/l	99
30) Chloroform	7.703	83	110862	22.208	ug/l	94
31) Cyclohexane	7.979	56	71203	19.739	ug/l	94
32) 1,1,1-Trichloroethane	7.897	97	96838	21.597	ug/l	97
36) 1,1-Dichloropropene	8.109	75	69505	20.118	ug/l	100
37) Ethyl Acetate	7.291	43	30970	22.840	ug/l	99
38) Carbon Tetrachloride	8.091	117	86874	21.597	ug/l	96
39) Methylcyclohexane	9.350	83	73013	19.034	ug/l	98
40) Benzene	8.344	78	210885	21.086	ug/l	95

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41) Methacrylonitrile	7.509	41	17996	21.985	ug/l	97
42) 1,2-Dichloroethane	8.414	62	67544	22.415	ug/l	99
43) Isopropyl Acetate	8.444	43	59449	22.343	ug/l	97
44) Trichloroethene	9.108	130	58665	20.422	ug/l	96
45) 1,2-Dichloropropane	9.379	63	54338	21.672	ug/l	95
46) Dibromomethane	9.461	93	30723	21.108	ug/l	98
47) Bromodichloromethane	9.655	83	86082	22.565	ug/l	93
48) Methyl methacrylate	9.450	41	28507	21.112	ug/l	97
49) 1,4-Dioxane	9.450	88	7038	433.056	ug/l	90
51) 4-Methyl-2-Pentanone	10.220	43	152526	111.553	ug/l	96
52) Toluene	10.397	92	139380	21.269	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	75314	21.701	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	86393	21.867	ug/l	98
55) 1,1,2-Trichloroethane	10.791	97	46336	22.583	ug/l	96
56) Ethyl methacrylate	10.655	69	50373	21.782	ug/l	97
57) 1,3-Dichloropropane	10.938	76	75848	22.420	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.932	63	96061	107.040	ug/l	97
59) 2-Hexanone	10.973	43	107828	116.814	ug/l	97
60) Dibromochloromethane	11.126	129	61759	22.840	ug/l	97
61) 1,2-Dibromoethane	11.238	107	42365	21.813	ug/l	97
64) Tetrachloroethene	10.867	164	51841	21.034	ug/l	98
65) Chlorobenzene	11.661	112	162757	21.364	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	65472	21.389	ug/l	99
67) Ethyl Benzene	11.732	91	268502	20.196	ug/l	99
68) m/p-Xylenes	11.844	106	214306	41.713	ug/l	97
69) o-Xylene	12.167	106	99104	20.797	ug/l	97
70) Styrene	12.185	104	177991	21.345	ug/l	100
71) Bromoform	12.349	173	36233	21.746	ug/l #	96
73) Isopropylbenzene	12.467	105	271959	19.428	ug/l	98
74) N-amyl acetate	12.279	43	57524	20.082	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	54698	20.711	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	38006m	22.782	ug/l	
77) Bromobenzene	12.749	156	67656	20.098	ug/l	99
78) n-propylbenzene	12.808	91	346587	20.257	ug/l	98
79) 2-Chlorotoluene	12.896	91	202353	20.303	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	240563	20.046	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	16971	20.768	ug/l	94
82) 4-Chlorotoluene	12.991	91	210064	19.826	ug/l	99
83) tert-Butylbenzene	13.208	119	196233	18.602	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	238487	20.231	ug/l	99
85) sec-Butylbenzene	13.385	105	309584	19.954	ug/l	99
86) p-Isopropyltoluene	13.502	119	262123	20.294	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	141956	20.250	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	140844	20.301	ug/l	98
89) n-Butylbenzene	13.826	91	237047	19.599	ug/l	99
90) Hexachloroethane	14.096	117	54192	20.354	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	125547	20.815	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	9045	20.515	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	70264	19.507	ug/l	99
94) Hexachlorobutadiene	15.249	225	41968	20.548	ug/l	98
95) Naphthalene	15.385	128	121191	18.821	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	62247	19.781	ug/l	99

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

