

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050322\
 Data File : VW022771.D
 Acq On : 03 May 2022 14:49
 Operator : SY/VA
 Sample : N2639-13MSD
 Misc : 5.13g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EXL21MSD

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/04/2022
 Supervised By : Mahesh Dadoda 05/04/2022

Quant Time: May 04 01:27:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 04 01:21:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	334037	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	339472	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	183148	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	142625	20.811	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.240%
7) Chloroethane-d5	2.885	69	107685	24.152	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	4.019	63	187425	21.166	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.680%
21) 2-Butanone-d5	7.080	46	71226	54.662	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.320%
24) Chloroform-d	7.647	84	234072	23.918	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.680%
26) 1,2-Dichloroethane-d4	8.305	65	131985	24.590	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.360%
32) Benzene-d6	8.275	84	433892	22.175	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.680%
36) 1,2-Dichloropropane-d6	9.274	67	128164	23.318	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.280%
41) Toluene-d8	10.323	98	421282	22.288	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.160%
43) trans-1,3-Dichloroprop...	10.579	79	60976	24.094	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.360%
47) 2-Hexanone-d5	10.920	63	60422	57.586	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.180%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	136185	26.583	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.320%
66) 1,2-Dichlorobenzene-d4	13.853	152	156256	24.406	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	44107	24.222	ug/L	95
3) Chloromethane	2.221	50	79097	22.479	ug/L	98
5) Vinyl chloride	2.361	62	164106	23.238	ug/L	99
6) Bromomethane	2.776	94	102719	22.655	ug/L	97
8) Chloroethane	2.922	64	87460	25.678	ug/L	96
9) Trichlorofluoromethane	3.257	101	72289	22.397	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	111906	23.187	ug/L	98
12) 1,1-Dichloroethene	4.044	96	96137	22.471	ug/L	88
13) Acetone	4.123	43	67606	69.300	ug/L	97
14) Carbon disulfide	4.385	76	246504	21.016	ug/L	97
15) Methyl Acetate	4.672	43	52895	26.989	ug/L	98
16) Methylene chloride	4.928	84	109866m	22.478	ug/L	
17) trans-1,2-Dichloroethene	5.421	96	109897	22.826	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	188759	25.683	ug/L	99
19) 1,1-Dichloroethane	6.214	63	197275	24.176	ug/L	94
20) cis-1,2-Dichloroethene	7.165	96	124023	23.983	ug/L #	99
22) 2-Butanone	7.177	43	83725	61.368	ug/L	99
23) Bromochloromethane	7.519	128	58494	24.153	ug/L	88
25) Chloroform	7.677	83	221029	24.497	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	150177	24.969	ug/L	98
29) Cyclohexane	7.951	56	164080	22.349	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	186713	23.274	ug/L	100
31) Carbon tetrachloride	8.067	117	169347	22.567	ug/L	98
33) Benzene	8.323	78	449327	22.468	ug/L	100
34) Trichloroethene	9.092	95	123253	22.410	ug/L	97
35) Methylcyclohexane	9.335	83	197692	21.880	ug/L	99
37) 1,2-Dichloropropane	9.366	63	114486	23.656	ug/L	99
38) Bromodichloromethane	9.646	83	166325	24.196	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	182507	24.321	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	160568	52.639	ug/L	98
42) Toluene	10.384	91	520738	23.235	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	166162	24.808	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	102235	25.270	ug/L	95
46) Tetrachloroethene	10.860	164	102010	24.681	ug/L	89
48) 2-Hexanone	10.969	43	124077	60.878	ug/L	99
49) Dibromochloromethane	11.128	129	118348	24.305	ug/L	91
50) 1,2-Dibromoethane	11.231	107	99327	24.450	ug/L	98
51) Chlorobenzene	11.658	112	348557	23.590	ug/L	98
52) Ethylbenzene	11.725	91	586100	23.506	ug/L	99
53) m,p-Xylene	11.835	106	234180	23.836	ug/L	94
54) o-Xylene	12.164	106	227486	24.129	ug/L	95
55) Styrene	12.176	104	393276	24.549	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	129559	25.639	ug/L	99
59) Bromoform	12.347	173	67371	25.957	ug/L	98
60) Isopropylbenzene	12.463	105	629610	25.094	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	96495	26.369	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	336339	24.095	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	515708	24.605	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	271523	24.238	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	277287	23.964	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	251809	24.565	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	21783	27.236	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	175745	23.635	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	148042	24.750	ug/L	98
71) Naphthalene	15.359	128	369630	28.432	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	133873	25.252	ug/L	96

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

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