

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032123\
 Data File : VW025461.D
 Acq On : 21 Mar 2023 12:17
 Operator : SY/MD
 Sample : 01977-16MS
 Misc : 5.92g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EYGA2MS

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/22/2023
 Supervised By : Mahesh Dadoda 03/22/2023

Quant Time: Mar 22 01:32:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Mar 22 01:30:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	835429	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	599125	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	181415	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	256404	18.459	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.840%
7) Chloroethane-d5	2.893	69	207185	20.729	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.920%
11) 1,1-Dichloroethene-d2	4.027	63	532612	19.852	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.400%
21) 2-Butanone-d5	7.075	46	268106	78.633	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	157.260%#
24) Chloroform-d	7.648	84	559970	23.250	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	8.307	65	326532	25.260	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.040%
32) Benzene-d6	8.276	84	1097963	26.820	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.280%
36) 1,2-Dichloropropane-d6	9.270	67	367479	29.016	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.080%
41) Toluene-d8	10.319	98	877223	24.304	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.200%
43) trans-1,3-Dichloroprop...	10.575	79	120622	23.919	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.680%
47) 2-Hexanone-d5	10.922	63	169419	93.030	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	186.060%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	329252	35.486	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	141.960%#
66) 1,2-Dichlorobenzene-d4	13.848	152	181222	26.862	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	178562	18.703	ug/L	100
3) Chloromethane	2.228	50	249882	22.006	ug/L	99
5) Vinyl chloride	2.375	62	275699	21.491	ug/L	100
6) Bromomethane	2.789	94	144328	21.102	ug/L	94
8) Chloroethane	2.936	64	164775	22.348	ug/L	97
9) Trichlorofluoromethane	3.265	101	210075	18.919	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	239525	22.244	ug/L	98
12) 1,1-Dichloroethene	4.045	96	214927m	20.630	ug/L	
13) Acetone	4.118	43	200193	61.078	ug/L	99
14) Carbon disulfide	4.393	76	662140	20.442	ug/L	100
15) Methyl Acetate	4.667	43	183872	29.904	ug/L	100
16) Methylene chloride	4.917	84	265848	22.853	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	229163	20.984	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	487763	29.666	ug/L	95
19) 1,1-Dichloroethane	6.216	63	503785	22.276	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	258628	21.629	ug/L #	94
22) 2-Butanone	7.167	43	248843	58.689	ug/L	100
23) Bromochloromethane	7.514	128	116076	22.574	ug/L	95
25) Chloroform	7.679	83	475867	22.383	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	342786	24.160	ug/L	98
29) Cyclohexane	7.959	56	468076	27.678	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	383458	26.924	ug/L	99
31) Carbon tetrachloride	8.069	117	309471	24.241	ug/L	100
33) Benzene	8.325	78	1047805	27.354	ug/L	100
34) Trichloroethene	9.093	95	215560	21.441	ug/L	97
35) Methylcyclohexane	9.337	83	419377	24.215	ug/L	98
37) 1,2-Dichloropropane	9.367	63	288974	27.407	ug/L	100
38) Bromodichloromethane	9.642	83	321164	26.118	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	376962	24.817	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	535468	84.496	ug/L	100
42) Toluene	10.386	91	1005897	25.434	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	292344	22.982	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	209215	29.547	ug/L	97
46) Tetrachloroethene	10.861	164	142602	19.935	ug/L	98
48) 2-Hexanone	10.965	43	351306	77.052	ug/L	99
49) Dibromochloromethane	11.129	129	191295	25.284	ug/L	98
50) 1,2-Dibromoethane	11.233	107	164319	25.070	ug/L	90
51) Chlorobenzene	11.654	112	494274	19.692	ug/L	99
52) Ethylbenzene	11.727	91	955665	21.187	ug/L	97
53) m,p-Xylene	11.837	106	362487	21.788	ug/L	99
54) o-Xylene	12.166	106	379771	24.259	ug/L	100
55) Styrene	12.178	104	511225	19.123	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.714	83	279941	31.783	ug/L	98
59) Bromoform	12.349	173	106369	40.640	ug/L	97
60) Isopropylbenzene	12.458	105	960882	35.531	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	206811	52.323	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	785200	36.660	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	708317	33.569	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	230543	20.118	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	230599	19.618	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	253477	24.662	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.482	75	44709	48.860	ug/L	95
69) 1,3,5-Trichlorobenzene	14.629	180	130683	16.776	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	76224	11.802	ug/L	95
71) Naphthalene	15.360	128	320757	25.159	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	90149	15.540	ug/L	99

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

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