

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042423\
 Data File : VW025656.D
 Acq On : 24 Apr 2023 13:45
 Operator : SY/MD
 Sample : 02417-24MS
 Misc : 4.47g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW906MS

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/25/2023
 Supervised By : Mahesh Dadoda 04/25/2023

Quant Time: Apr 25 01:11:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 25 01:06:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	855933	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	676215	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	229329	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	251894	18.085	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.320%
7) Chloroethane-d5	2.893	69	205979m	20.771	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.080%
11) 1,1-Dichloroethene-d2	4.021	63	549229	19.499	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.000%
21) 2-Butanone-d5	7.075	46	162457	52.283	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.560%
24) Chloroform-d	7.648	84	559247	23.270	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.080%
26) 1,2-Dichloroethane-d4	8.307	65	305913	24.468	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.880%
32) Benzene-d6	8.276	84	1094808	25.004	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	9.276	67	356575	26.118	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.480%
41) Toluene-d8	10.325	98	913981	23.896	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.600%
43) trans-1,3-Dichloroprop...	10.581	79	112858	22.049	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.200%
47) 2-Hexanone-d5	10.922	63	105262	56.407	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.820%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	250932	27.231	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	180765	22.944	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	202908	16.952	ug/L	97
3) Chloromethane	2.223	50	266009	19.156	ug/L	99
5) Vinyl chloride	2.375	62	294453	19.181	ug/L	97
6) Bromomethane	2.783	94	131144	15.881	ug/L	97
8) Chloroethane	2.930	64	170795	19.865	ug/L	98
9) Trichlorofluoromethane	3.265	101	247707	20.945	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	234666	19.773	ug/L	97
12) 1,1-Dichloroethene	4.045	96	229990	19.361	ug/L	96
13) Acetone	4.119	43	147737	56.178	ug/L	97
14) Carbon disulfide	4.393	76	664694	15.860	ug/L	99
15) Methyl Acetate	4.673	43	89974	15.228	ug/L	98
16) Methylene chloride	4.917	84	298928	21.972	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	236322	18.712	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	414196	23.764	ug/L	99
19) 1,1-Dichloroethane	6.216	63	527973	20.924	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	267476	20.355	ug/L #	97
22) 2-Butanone	7.167	43	209024	55.911	ug/L	94
23) Bromochloromethane	7.514	128	111398	20.672	ug/L	96
25) Chloroform	7.679	83	484527	20.998	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	329525	21.281	ug/L	98
29) Cyclohexane	7.959	56	410438	18.753	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	389586	23.187	ug/L	99
31) Carbon tetrachloride	8.069	117	331160	21.825	ug/L	100
33) Benzene	8.325	78	1065190	22.631	ug/L	100
34) Trichloroethene	9.093	95	254463	20.785	ug/L	96
35) Methylcyclohexane	9.337	83	311980	14.112	ug/L	98
37) 1,2-Dichloropropane	9.368	63	291746	23.470	ug/L	100
38) Bromodichloromethane	9.642	83	333449	23.445	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	350807	19.674	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	380878	54.133	ug/L	99
42) Toluene	10.386	91	1036893	21.635	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	296584	20.171	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	191052	24.105	ug/L	97
46) Tetrachloroethene	10.861	164	161147	18.715	ug/L	91
48) 2-Hexanone	10.965	43	260592	53.605	ug/L	95
49) Dibromochloromethane	11.129	129	194609	23.320	ug/L	97
50) 1,2-Dibromoethane	11.233	107	165947	22.787	ug/L	97
51) Chlorobenzene	11.654	112	584588	19.794	ug/L	99
52) Ethylbenzene	11.727	91	1088165	20.064	ug/L	99
53) m,p-Xylene	11.837	106	388409	19.528	ug/L	97
54) o-Xylene	12.166	106	375300	20.170	ug/L	100
55) Styrene	12.178	104	611542	19.526	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	211363	22.263	ug/L	98
59) Bromoform	12.349	173	95710	30.457	ug/L	93
60) Isopropylbenzene	12.465	105	955781	26.606	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	159685	33.597	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	670907	23.658	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	647981	23.730	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	304216	20.435	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	292059	19.210	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	265529	20.345	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.483	75	30368	29.126	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	116538	11.692	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	83431	10.304	ug/L	94
71) Naphthalene	15.360	128	212689	14.078	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	67590	9.548	ug/L	96

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

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