

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041824\
 Data File : VW028476.D
 Acq On : 18 Apr 2024 09:23
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025556

Quant Time: Apr 19 04:57:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 18 02:19:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	310753	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	281868	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	141815	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	99625	19.998	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.000%
7) Chloroethane-d5	2.905	69	81974	21.710	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.840%
11) 1,1-Dichloroethene-d2	4.027	65	44415	21.053	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.200%
21) 2-Butanone-d5	7.075	46	50328	53.986	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.980%
24) Chloroform-d	7.654	84	201087	24.798	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	8.307	65	108103	25.653	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	8.276	84	375001	24.353	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	9.276	67	114776	25.077	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.320%
41) Toluene-d8	10.325	98	338588	24.182	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.720%
43) trans-1,3-Dichloroprop...	10.575	79	45216	24.845	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.360%
47) 2-Hexanone-d5	10.922	63	34724	54.769	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.540%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	92042	28.502	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.000%
66) 1,2-Dichlorobenzene-d4	13.848	152	110361	24.607	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	98770	23.632	ug/L	94
3) Chloromethane	2.228	50	117800	24.006	ug/L	99
5) Vinyl chloride	2.375	62	140116	23.976	ug/L	98
6) Bromomethane	2.795	94	82945	22.717	ug/L	96
8) Chloroethane	2.942	64	85279	24.207	ug/L	96
9) Trichlorofluoromethane	3.271	101	117957	25.302	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	112325	25.610	ug/L	95
12) 1,1-Dichloroethene	4.045	96	100843	24.487	ug/L	96
13) Acetone	4.118	43	66888	58.435	ug/L	99
14) Carbon disulfide	4.393	76	319872	23.592	ug/L	99
15) Methyl Acetate	4.673	43	46373	25.178	ug/L	98
16) Methylene chloride	4.923	84	110881	23.581	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	106317	24.508	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	151996	24.909	ug/L	99
19) 1,1-Dichloroethane	6.222	63	212183	25.105	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	115761	25.143	ug/L	98
22) 2-Butanone	7.173	43	70127	50.482	ug/L	99
23) Bromochloromethane	7.514	128	49913	25.169	ug/L	92
25) Chloroform	7.679	83	211576	25.483	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	146495	25.564	ug/L	100
29) Cyclohexane	7.959	56	191364	25.702	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	170072	24.879	ug/L	97
31) Carbon tetrachloride	8.069	117	157202	25.933	ug/L	99
33) Benzene	8.325	78	451095	25.597	ug/L	100
34) Trichloroethene	9.093	95	120232	25.174	ug/L	95
35) Methylcyclohexane	9.337	83	205077	25.163	ug/L	99
37) 1,2-Dichloropropane	9.367	63	116816	25.432	ug/L	100
38) Bromodichloromethane	9.648	83	147292	25.871	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	173720	25.791	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	131757	57.301	ug/L	99
42) Toluene	10.386	91	475653	25.477	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	144978	26.606	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	79673	25.639	ug/L	94
46) Tetrachloroethene	10.861	164	89697	25.143	ug/L	89
48) 2-Hexanone	10.965	43	102391	56.099	ug/L	99
49) Dibromochloromethane	11.129	129	87834	26.445	ug/L	100
50) 1,2-Dibromoethane	11.233	107	74204	26.162	ug/L	97
51) Chlorobenzene	11.654	112	299495	25.808	ug/L	94
52) Ethylbenzene	11.727	91	550405	26.007	ug/L	97
53) m,p-Xylene	11.836	106	206056	26.181	ug/L	96
54) o-Xylene	12.160	106	190012	25.929	ug/L	100
55) Styrene	12.178	104	328117	26.307	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	94563	26.889	ug/L	96
59) Bromoform	12.343	173	47976	25.629	ug/L	99
60) Isopropylbenzene	12.458	105	537993	25.305	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	68657	26.480	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	361891	26.706	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	430913	26.424	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	235301	26.083	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	229733	25.035	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	201904	25.444	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.476	75	14975	25.205	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	145851	23.495	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	126888	26.175	ug/L	96
71) Naphthalene	15.354	128	230225	26.835	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	105686	24.569	ug/L	99

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

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