

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021624\
 Data File : VW028027.D
 Acq On : 16 Feb 2024 09:17
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025488

Quant Time: Feb 18 23:49:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 15 20:52:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	247004	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	224436	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	121782	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	61961	21.418	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.680%
7) Chloroethane-d5	2.905	69	55021	25.075	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.280%
11) 1,1-Dichloroethene-d2	4.027	65	27628	22.319	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.280%
21) 2-Butanone-d5	7.081	46	26930	59.910	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.820%
24) Chloroform-d	7.648	84	139541	24.161	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.640%
26) 1,2-Dichloroethane-d4	8.307	65	67035	25.699	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	8.276	84	280023	23.320	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.280%
36) 1,2-Dichloropropane-d6	9.276	67	76594	23.526	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.120%
41) Toluene-d8	10.325	98	272045	23.678	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.720%
43) trans-1,3-Dichloroprop...	10.575	79	33414	24.956	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.840%
47) 2-Hexanone-d5	10.922	63	25077	56.626	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.260%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	64745	26.606	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.440%
66) 1,2-Dichlorobenzene-d4	13.848	152	96922	23.415	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	51945	24.421	ug/L	97
3) Chloromethane	2.228	50	47475	20.323	ug/L	96
5) Vinyl chloride	2.375	62	70742	22.343	ug/L	95
6) Bromomethane	2.795	94	50534	22.588	ug/L	93
8) Chloroethane	2.942	64	45337	25.343	ug/L	95
9) Trichlorofluoromethane	3.271	101	68326	23.745	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	72307	24.930	ug/L	97
12) 1,1-Dichloroethene	4.045	96	64696	23.978	ug/L	98
13) Acetone	4.118	43	28689	65.635	ug/L	97
14) Carbon disulfide	4.399	76	171822	21.511	ug/L	100
15) Methyl Acetate	4.673	43	19146	26.312	ug/L	96
16) Methylene chloride	4.929	84	69284	22.442	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	67449	23.268	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	89014	25.902	ug/L	99
19) 1,1-Dichloroethane	6.222	63	115415	24.508	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	75638	24.710	ug/L	98
22) 2-Butanone	7.173	43	29772	59.006	ug/L	97
23) Bromochloromethane	7.514	128	34185	25.141	ug/L	86
25) Chloroform	7.679	83	129037	25.489	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	75231	26.685	ug/L	96
29) Cyclohexane	7.959	56	93345	23.335	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	112446	25.954	ug/L	98
31) Carbon tetrachloride	8.069	117	102927	25.679	ug/L	99
33) Benzene	8.325	78	269708	24.060	ug/L	100
34) Trichloroethene	9.093	95	76792	23.863	ug/L	96
35) Methylcyclohexane	9.337	83	123514	23.325	ug/L	99
37) 1,2-Dichloropropane	9.367	63	65128	24.724	ug/L	100
38) Bromodichloromethane	9.642	83	89604	25.484	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	105872	25.076	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	58399	58.738	ug/L	99
42) Toluene	10.386	91	308473	24.543	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	85286	25.450	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	53298	25.563	ug/L	97
46) Tetrachloroethene	10.861	164	65111	24.046	ug/L	95
48) 2-Hexanone	10.965	43	44923	59.654	ug/L	98
49) Dibromochloromethane	11.123	129	64251	27.030	ug/L	90
50) 1,2-Dibromoethane	11.233	107	50874	26.141	ug/L	83
51) Chlorobenzene	11.654	112	206346	24.684	ug/L	97
52) Ethylbenzene	11.727	91	350220	24.714	ug/L	100
53) m,p-Xylene	11.836	106	136772	24.611	ug/L	95
54) o-Xylene	12.166	106	130962	25.126	ug/L	99
55) Styrene	12.178	104	221757	25.544	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	60395	27.050	ug/L	100
59) Bromoform	12.349	173	36906	25.676	ug/L	98
60) Isopropylbenzene	12.458	105	371941	24.461	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	42251	25.996	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	304938	25.060	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	291228	24.458	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	167288	23.949	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	168838	23.773	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	144188	23.371	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	8789	27.237	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	122225	24.368	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	97482	24.067	ug/L	99
71) Naphthalene	15.360	128	170455	27.081	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	86429	25.575	ug/L	97

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

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