

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052124\
 Data File : VW028671.D
 Acq On : 21 May 2024 19:57
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025587

Quant Time: May 22 01:18:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 22 01:14:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	244566	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	226711	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	113817	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	80360	17.303	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.200%
7) Chloroethane-d5	2.905	69	72851	20.487	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.960%
11) 1,1-Dichloroethene-d2	4.027	65	36427	18.774	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.080%
21) 2-Butanone-d5	7.075	46	52456	43.294	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.580%
24) Chloroform-d	7.654	84	190682	24.952	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	8.306	65	104336	23.848	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	8.276	84	346069	22.879	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.520%
36) 1,2-Dichloropropane-d6	9.276	67	111801	24.563	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.240%
41) Toluene-d8	10.324	98	303307	22.643	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.560%
43) trans-1,3-Dichloroprop...	10.574	79	41745	22.799	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.200%
47) 2-Hexanone-d5	10.922	63	36529	46.532	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.060%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	92404	24.211	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.840%
66) 1,2-Dichlorobenzene-d4	13.854	152	103815	23.931	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	72731	20.464	ug/L	98
3) Chloromethane	2.228	50	107580	24.434	ug/L	100
5) Vinyl chloride	2.374	62	120334	24.275	ug/L	99
6) Bromomethane	2.789	94	73758	25.722	ug/L	98
8) Chloroethane	2.935	64	75830	26.823	ug/L	99
9) Trichlorofluoromethane	3.271	101	90162	22.155	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	91366	24.350	ug/L	93
12) 1,1-Dichloroethene	4.051	96	84034	24.966	ug/L	87
13) Acetone	4.124	43	36272	32.907	ug/L	96
14) Carbon disulfide	4.392	76	262239	23.053	ug/L	99
15) Methyl Acetate	4.673	43	43508	22.688	ug/L	100
16) Methylene chloride	4.923	84	100804	26.651	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	93453	26.669	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	145901	28.214	ug/L	99
19) 1,1-Dichloroethane	6.221	63	195035	28.067	ug/L	99
20) cis-1,2-Dichloroethene	7.172	96	105255	28.700	ug/L	96
22) 2-Butanone	7.166	43	56449	39.900	ug/L	97
23) Bromochloromethane	7.514	128	44045	27.533	ug/L	93
25) Chloroform	7.678	83	195268	29.053	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	138253	28.297	ug/L	96
29) Cyclohexane	7.959	56	153757	23.786	ug/L	99
30) 1,1,1-Trichloroethane	7.873	97	151032	26.585	ug/L	99
31) Carbon tetrachloride	8.075	117	132235	25.529	ug/L	100
33) Benzene	8.325	78	412286	28.044	ug/L	100
34) Trichloroethene	9.093	95	105968	26.885	ug/L	95
35) Methylcyclohexane	9.337	83	168836	24.511	ug/L	99
37) 1,2-Dichloropropane	9.367	63	110157	28.756	ug/L	100
38) Bromodichloromethane	9.648	83	138217	29.599	ug/L	96
39) cis-1,3-Dichloropropene	10.074	75	156914	28.579	ug/L	96
40) 4-Methyl-2-pentanone	10.208	43	129291	49.590	ug/L	100
42) Toluene	10.385	91	436274	28.732	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	130340	28.155	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	77397	27.890	ug/L	96
46) Tetrachloroethene	10.861	164	77569	27.315	ug/L	95
48) 2-Hexanone	10.964	43	87748	47.672	ug/L	99
49) Dibromochloromethane	11.129	129	82064	29.483	ug/L	95
50) 1,2-Dibromoethane	11.233	107	67819	26.089	ug/L	99
51) Chlorobenzene	11.653	112	274468	29.222	ug/L	96
52) Ethylbenzene	11.726	91	497415	28.947	ug/L	95
53) m,p-Xylene	11.836	106	181245	28.775	ug/L	95
54) o-Xylene	12.165	106	177358	30.436	ug/L	99
55) Styrene	12.178	104	309186	31.314	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	90716	26.056	ug/L	98
59) Bromoform	12.348	173	42802	25.777	ug/L	97
60) Isopropylbenzene	12.458	105	480969	27.854	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	66211	24.071	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	362423	29.665	ug/L	100
63) 1,2,4-Trimethylbenzene	13.244	105	399175	30.324	ug/L	100
64) 1,3-Dichlorobenzene	13.494	146	208931	29.085	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	208646	28.410	ug/L	96
67) 1,2-Dichlorobenzene	13.866	146	188984	29.394	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	14152	22.005	ug/L	94
69) 1,3,5-Trichlorobenzene	14.622	180	132196	27.425	ug/L	97
70) 1,2,4-trichlorobenzene	15.122	180	107951	27.717	ug/L	95
71) Naphthalene	15.360	128	209918	25.297	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	101222	28.801	ug/L	96

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

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