

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071824\
 Data File : VW029623.D
 Acq On : 18 Jul 2024 09:30
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025545

Quant Time: Jul 19 01:02:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 18 02:17:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	256807	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	234109	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	114734	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	88679	21.376	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.520%
7) Chloroethane-d5	2.899	69	71846	24.052	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	4.021	65	43322	23.255	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.040%
21) 2-Butanone-d5	7.075	46	51444	41.309	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.620%
24) Chloroform-d	7.648	84	194098	26.144	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.560%
26) 1,2-Dichloroethane-d4	8.307	65	108855	24.998	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	8.276	84	354331	25.265	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.080%
36) 1,2-Dichloropropane-d6	9.270	67	118287	26.379	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.520%
41) Toluene-d8	10.318	98	316460	25.658	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.640%
43) trans-1,3-Dichloroprop...	10.575	79	44022	23.184	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.720%
47) 2-Hexanone-d5	10.922	63	35680	43.789	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.580%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	85835	23.576	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.320%
66) 1,2-Dichlorobenzene-d4	13.848	152	97488	24.398	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	50166	19.949	ug/L	88
3) Chloromethane	2.228	50	74173	22.045	ug/L	94
5) Vinyl chloride	2.375	62	97196	25.314	ug/L	95
6) Bromomethane	2.789	94	57984	25.505	ug/L	98
8) Chloroethane	2.942	64	63815	27.010	ug/L	100
9) Trichlorofluoromethane	3.271	101	87513	25.320	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	85484	25.132	ug/L	95
12) 1,1-Dichloroethene	4.045	96	81913	25.649	ug/L	93
13) Acetone	4.118	43	61601	49.009	ug/L	99
14) Carbon disulfide	4.393	76	240214	23.161	ug/L	100
15) Methyl Acetate	4.667	43	46363	21.009	ug/L	98
16) Methylene chloride	4.917	84	106810	23.231	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	89786	25.396	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	148006	24.605	ug/L	99
19) 1,1-Dichloroethane	6.222	63	199651	27.498	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	102861	26.607	ug/L	95
22) 2-Butanone	7.167	43	71402	43.271	ug/L	97
23) Bromochloromethane	7.514	128	43021	24.740	ug/L	95
25) Chloroform	7.679	83	195560	27.838	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	138549	26.295	ug/L	98
29) Cyclohexane	7.959	56	160478	27.529	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	153008	28.621	ug/L	98
31) Carbon tetrachloride	8.069	117	138380	28.264	ug/L	97
33) Benzene	8.325	78	409353	27.947	ug/L	100
34) Trichloroethene	9.093	95	106634	27.568	ug/L	95
35) Methylcyclohexane	9.331	83	176092	28.323	ug/L	98
37) 1,2-Dichloropropane	9.367	63	115464	28.507	ug/L	100
38) Bromodichloromethane	9.642	83	139763	28.250	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	167202	27.484	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	139129	48.738	ug/L	99
42) Toluene	10.386	91	427650	28.539	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	138429	26.548	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	74030	25.413	ug/L	98
46) Tetrachloroethene	10.861	164	77048	28.037	ug/L	90
48) 2-Hexanone	10.965	43	105162	49.036	ug/L	100
49) Dibromochloromethane	11.129	129	79720	26.297	ug/L	90
50) 1,2-Dibromoethane	11.233	107	68772	24.774	ug/L	99
51) Chlorobenzene	11.654	112	262005	27.047	ug/L	96
52) Ethylbenzene	11.727	91	495420	29.181	ug/L	96
53) m,p-Xylene	11.836	106	183107	29.380	ug/L	98
54) o-Xylene	12.160	106	174848	30.332	ug/L	92
55) Styrene	12.178	104	299433	29.541	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	88353	24.045	ug/L	97
59) Bromoform	12.349	173	42481	23.986	ug/L	99
60) Isopropylbenzene	12.458	105	482509	29.889	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	65988	23.765	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	361181	31.453	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	390111	30.781	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	199929	27.630	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	203163	27.406	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	173753	26.564	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	14270	21.497	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	131130	27.779	ug/L	99
70) 1,2,4-trichlorobenzene	15.122	180	107371	25.850	ug/L	98
71) Naphthalene	15.360	128	197379	22.640	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	90696	24.033	ug/L	99

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

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