

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072624\
 Data File : VW029765.D
 Acq On : 26 Jul 2024 20:40
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025556

Quant Time: Jul 27 01:00:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 27 00:53:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	249973	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	232927	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	113380	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	60111	16.938	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.760%
7) Chloroethane-d5	2.893	69	50287	19.848	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.400%
11) 1,1-Dichloroethene-d2	4.021	65	31308	19.327	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.320%
21) 2-Butanone-d5	7.075	46	47440	48.773	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.540%
24) Chloroform-d	7.648	84	152729	23.602	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	8.300	65	88787	24.089	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.360%
32) Benzene-d6	8.270	84	289325	22.989	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.960%
36) 1,2-Dichloropropane-d6	9.270	67	94410	23.493	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.960%
41) Toluene-d8	10.324	98	256315	22.905	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	10.574	79	38037	23.391	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.560%
47) 2-Hexanone-d5	10.922	63	32578	49.164	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.320%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	74539	24.980	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	81801	23.235	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	67580	20.056	ug/L	98
3) Chloromethane	2.222	50	97687	23.429	ug/L	100
5) Vinyl chloride	2.375	62	97707	20.914	ug/L	100
6) Bromomethane	2.789	94	56837	22.155	ug/L	96
8) Chloroethane	2.935	64	61422	23.111	ug/L	99
9) Trichlorofluoromethane	3.265	101	81782	21.915	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	80040	21.535	ug/L	98
12) 1,1-Dichloroethene	4.045	96	75718	22.172	ug/L	96
13) Acetone	4.118	43	42327	35.016	ug/L	99
14) Carbon disulfide	4.392	76	251140	22.099	ug/L	99
15) Methyl Acetate	4.667	43	47986	23.834	ug/L	99
16) Methylene chloride	4.923	84	96916	18.546	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	85928	23.350	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	149541	24.656	ug/L	97
19) 1,1-Dichloroethane	6.215	63	182147	23.468	ug/L	98
20) cis-1,2-Dichloroethene	7.166	96	92851	23.260	ug/L	96
22) 2-Butanone	7.166	43	63666	41.106	ug/L	99
23) Bromochloromethane	7.514	128	40780	24.064	ug/L	91
25) Chloroform	7.672	83	173723	23.757	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	127772	23.976	ug/L	99
29) Cyclohexane	7.959	56	153417	23.177	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	131121	22.229	ug/L	99
31) Carbon tetrachloride	8.069	117	121844	22.924	ug/L	99
33) Benzene	8.325	78	378160	23.695	ug/L	100
34) Trichloroethene	9.087	95	97641	23.338	ug/L	91
35) Methylcyclohexane	9.331	83	165181	23.694	ug/L	99
37) 1,2-Dichloropropane	9.367	63	105269	24.070	ug/L	100
38) Bromodichloromethane	9.642	83	124067	23.822	ug/L	97
39) cis-1,3-Dichloropropene	10.068	75	152955	24.014	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	140216	50.474	ug/L	99
42) Toluene	10.385	91	388402	23.842	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	126310	23.888	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	71103	24.200	ug/L	96
46) Tetrachloroethene	10.861	164	65815	21.644	ug/L	93
48) 2-Hexanone	10.964	43	98586	47.384	ug/L	98
49) Dibromochloromethane	11.129	129	74428	24.401	ug/L	98
50) 1,2-Dibromoethane	11.233	107	64966	23.897	ug/L	96
51) Chlorobenzene	11.653	112	237755	23.463	ug/L	98
52) Ethylbenzene	11.727	91	446924	24.321	ug/L	99
53) m,p-Xylene	11.836	106	162866	24.099	ug/L	94
54) o-Xylene	12.159	106	154554	24.834	ug/L	91
55) Styrene	12.178	104	263140	24.393	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.708	83	86270	23.923	ug/L #	96
59) Bromoform	12.348	173	39565	23.191	ug/L	95
60) Isopropylbenzene	12.458	105	425215	24.236	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	65109	23.611	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	344224	26.396	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	354984	25.453	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	175741	23.478	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	177963	23.145	ug/L	93
67) 1,2-Dichlorobenzene	13.866	146	162641	23.865	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	14271	22.793	ug/L	96
69) 1,3,5-Trichlorobenzene	14.622	180	118146	23.069	ug/L	98
70) 1,2,4-trichlorobenzene	15.122	180	98704	22.876	ug/L	96
71) Naphthalene	15.360	128	206596	25.094	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	90008	23.048	ug/L	96

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

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