

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050224\
 Data File : VW028572.D
 Acq On : 02 May 2024 15:21
 Operator : SY/MD
 Sample : P2349-07MSD
 Misc : 5.65g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E08Q8MSD

Quant Time: May 03 04:08:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 03 04:07:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	469271	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	431772	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	204261	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	173337	19.452	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.800%
7) Chloroethane-d5	2.899	69	134307	19.684	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.720%
11) 1,1-Dichloroethene-d2	4.021	65	74108	19.905	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.640%
21) 2-Butanone-d5	7.075	46	92682	39.866	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.740%
24) Chloroform-d	7.654	84	312024	21.279	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.120%
26) 1,2-Dichloroethane-d4	8.307	65	176223	20.992	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.960%
32) Benzene-d6	8.276	84	604777	20.994	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.960%
36) 1,2-Dichloropropane-d6	9.276	67	184606	21.296	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.200%
41) Toluene-d8	10.325	98	549505	21.540	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.160%
43) trans-1,3-Dichloroprop...	10.575	79	78315	22.458	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.840%
47) 2-Hexanone-d5	10.922	63	67359	45.054	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.100%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	150779	20.743	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.960%
66) 1,2-Dichlorobenzene-d4	13.848	152	158234	20.325	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.280%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	141603	20.764	ug/L	# 89
3) Chloromethane	2.228	50	190346	22.531	ug/L	99
5) Vinyl chloride	2.375	62	206335	21.693	ug/L	100
6) Bromomethane	2.789	94	123295	22.408	ug/L	98
8) Chloroethane	2.936	64	123216	22.715	ug/L	98
9) Trichlorofluoromethane	3.265	101	166589	21.333	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	146227	20.310	ug/L	95
12) 1,1-Dichloroethene	4.045	96	140621	21.773	ug/L	95
13) Acetone	4.118	43	115195	54.466	ug/L	100
14) Carbon disulfide	4.393	76	475516	21.785	ug/L	100
15) Methyl Acetate	4.667	43	80303	21.824	ug/L	99
16) Methylene chloride	4.923	84	154048	21.226	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	154185	22.931	ug/L	96
18) Methyl tert-butyl Ether	5.435	73	249103	25.105	ug/L	100
19) 1,1-Dichloroethane	6.216	63	304697	22.852	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	166015	23.592	ug/L	96
22) 2-Butanone	7.167	43	134724	49.628	ug/L	100
23) Bromochloromethane	7.514	128	72320	23.560	ug/L	96
25) Chloroform	7.679	83	301132	23.350	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	220111	23.479	ug/L	98
29) Cyclohexane	7.959	56	274656	22.310	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	241881	22.355	ug/L	100
31) Carbon tetrachloride	8.075	117	214463	21.740	ug/L	99
33) Benzene	8.325	78	645504	23.055	ug/L	100
34) Trichloroethene	9.093	95	168940	22.505	ug/L	96
35) Methylcyclohexane	9.337	83	276481	21.075	ug/L	99
37) 1,2-Dichloropropane	9.367	63	174580	23.929	ug/L	99
38) Bromodichloromethane	9.642	83	214437	24.112	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	266281	25.465	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	243918	49.123	ug/L	100
42) Toluene	10.386	91	682756	23.610	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	226112	25.646	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	122010	23.086	ug/L	97
46) Tetrachloroethene	10.861	164	117005	21.634	ug/L	96
48) 2-Hexanone	10.965	43	198126	56.518	ug/L	100
49) Dibromochloromethane	11.129	129	127776	24.104	ug/L	94
50) 1,2-Dibromoethane	11.233	107	117287	23.691	ug/L	95
51) Chlorobenzene	11.654	112	415225	23.213	ug/L	97
52) Ethylbenzene	11.727	91	773083	23.623	ug/L	94
53) m,p-Xylene	11.837	106	282817	23.576	ug/L	96
54) o-Xylene	12.166	106	272785	24.580	ug/L	99
55) Styrene	12.178	104	459555	24.438	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	152052	22.931	ug/L	100
59) Bromoform	12.349	173	69589	23.352	ug/L	99
60) Isopropylbenzene	12.458	105	736499	23.766	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	112975	22.886	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	544286	24.824	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	584930	24.760	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	299816	23.257	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	299596	22.731	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	276236	23.940	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	25710	22.276	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	171308	19.803	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	157139	22.481	ug/L	93
71) Naphthalene	15.360	128	353919	23.765	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	132896	21.070	ug/L	99

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

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