

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062124\
 Data File : VW029298.D
 Acq On : 21 Jun 2024 12:41
 Operator : SY/MD
 Sample : P2963-24MSD
 Misc : 5.66g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4CS3MSD

Quant Time: Jun 21 22:54:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 21 22:53:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	431149	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	334129	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	111477	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	126076	21.127	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.520%
7) Chloroethane-d5	2.893	69	105435	20.922	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.680%
11) 1,1-Dichloroethene-d2	4.021	65	60513	21.002	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.000%
21) 2-Butanone-d5	7.075	46	91846	51.443	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.880%
24) Chloroform-d	7.648	84	298030	23.173	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.680%
26) 1,2-Dichloroethane-d4	8.307	65	169643	22.973	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.880%
32) Benzene-d6	8.270	84	558119	27.500	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.000%
36) 1,2-Dichloropropane-d6	9.270	67	185279	28.719	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.880%
41) Toluene-d8	10.318	98	470542	26.206	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.840%
43) trans-1,3-Dichloroprop...	10.575	79	66080	25.418	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.680%
47) 2-Hexanone-d5	10.922	63	61007	60.324	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.640%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	129164	25.156	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.640%
66) 1,2-Dichlorobenzene-d4	13.848	152	99278	25.657	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	74607	17.737	ug/L	98
3) Chloromethane	2.222	50	113597	18.940	ug/L	96
5) Vinyl chloride	2.375	62	128487	18.654	ug/L	96
6) Bromomethane	2.783	94	73493	17.753	ug/L	95
8) Chloroethane	2.930	64	84345	20.021	ug/L	97
9) Trichlorofluoromethane	3.271	101	108435	20.306	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	105638	17.942	ug/L	94
12) 1,1-Dichloroethene	4.045	96	108340	21.686	ug/L	89
13) Acetone	4.118	43	43458	28.642	ug/L	100
14) Carbon disulfide	4.393	76	290118	17.790	ug/L	100
15) Methyl Acetate	4.667	43	58031	19.266	ug/L	100
16) Methylene chloride	4.917	84	151673	20.006	ug/L	93
17) trans-1,2-Dichloroethene	5.423	96	118840	21.420	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	218138	24.575	ug/L	98
19) 1,1-Dichloroethane	6.216	63	263537	21.994	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	134427	21.973	ug/L	99
22) 2-Butanone	7.167	43	83102	39.955	ug/L	99
23) Bromochloromethane	7.508	128	59609	21.887	ug/L	97
25) Chloroform	7.673	83	253043	21.626	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	181398	21.021	ug/L	100
29) Cyclohexane	7.953	56	152397	19.951	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	188421	25.360	ug/L	98
31) Carbon tetrachloride	8.063	117	157803	23.250	ug/L	96
33) Benzene	8.325	78	521961	25.999	ug/L	100
34) Trichloroethene	9.093	95	124391	23.224	ug/L	96
35) Methylcyclohexane	9.331	83	121564	14.431	ug/L	98
37) 1,2-Dichloropropane	9.367	63	151570	26.868	ug/L	98
38) Bromodichloromethane	9.642	83	178563	25.888	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	198021	24.832	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	194997	55.769	ug/L	97
42) Toluene	10.386	91	491767	23.827	ug/L	93
44) trans-1,3-Dichloropropene	10.605	75	167776	24.917	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	100977	25.701	ug/L	96
46) Tetrachloroethene	10.861	164	74871	19.996	ug/L	86
48) 2-Hexanone	10.965	43	128870	51.942	ug/L	98
49) Dibromochloromethane	11.129	129	102898	25.054	ug/L	96
50) 1,2-Dibromoethane	11.233	107	88577	25.115	ug/L	98
51) Chlorobenzene	11.654	112	279775	20.875	ug/L	96
52) Ethylbenzene	11.727	91	513430	21.915	ug/L	98
53) m,p-Xylene	11.830	106	177395	20.730	ug/L	98
54) o-Xylene	12.160	106	178241	22.287	ug/L	100
55) Styrene	12.178	104	292068	20.945	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	111765	22.997	ug/L	97
59) Bromoform	12.342	173	53268	34.864	ug/L	99
60) Isopropylbenzene	12.458	105	421049	28.346	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	87279	35.895	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	283637	26.366	ug/L	95
63) 1,2,4-Trimethylbenzene	13.245	105	307768	26.590	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	148455	23.095	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	148428	21.702	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	134944	22.708	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	16306	28.737	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.623	180	65114	15.009	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	48043	13.661	ug/L	96
71) Naphthalene	15.360	128	121414	17.492	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	41142	12.839	ug/L	96

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

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