

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110424\
 Data File : VW030923.D
 Acq On : 04 Nov 2024 22:14
 Operator : SY/MD
 Sample : P4581-03MSD
 Misc : 5.83g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4EC9MSD

Quant Time: Nov 05 00:46:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 05 00:39:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	369098	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	335216	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	156771	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	114857	18.973	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.880%
7) Chloroethane-d5	2.899	69	98442	21.203	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.800%
11) 1,1-Dichloroethene-d2	4.021	65	52589	21.054	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.200%
21) 2-Butanone-d5	7.075	46	77824	78.121	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	156.240%#
24) Chloroform-d	7.648	84	281413	25.863	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.440%
26) 1,2-Dichloroethane-d4	8.301	65	155621	28.765	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.040%
32) Benzene-d6	8.270	84	530045	25.452	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	9.270	67	163180	26.580	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.320%
41) Toluene-d8	10.319	98	459346	24.591	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.360%
43) trans-1,3-Dichloroprop...	10.575	79	70402	28.291	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	113.160%
47) 2-Hexanone-d5	10.922	63	65849	82.763	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	165.520%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	142896	33.409	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	133.640%#
66) 1,2-Dichlorobenzene-d4	13.849	152	150651	26.381	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.520%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.009	85	87919	22.362	ug/L	97
3) Chloromethane	2.229	50	138403	26.125	ug/L	96
5) Vinyl chloride	2.375	62	140293	22.345	ug/L	99
6) Bromomethane	2.790	94	104520	25.354	ug/L	97
8) Chloroethane	2.930	64	92802	24.382	ug/L	99
9) Trichlorofluoromethane	3.265	101	132512	23.127	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	126436	23.970	ug/L	90
12) 1,1-Dichloroethene	4.045	96	121395	25.445	ug/L	95
13) Acetone	4.125	43	73122	60.098	ug/L	99
14) Carbon disulfide	4.393	76	380661	24.272	ug/L	100
15) Methyl Acetate	4.667	43	72192	40.451	ug/L	99
16) Methylene chloride	4.929	84	149829	28.713	ug/L	94
17) trans-1,2-Dichloroethene	5.423	96	140166	26.781	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	251496	35.602	ug/L	99
19) 1,1-Dichloroethane	6.216	63	274832	28.140	ug/L	95
20) cis-1,2-Dichloroethene	7.173	96	168436	30.336	ug/L	99
22) 2-Butanone	7.173	43	104157	76.443	ug/L	98
23) Bromochloromethane	7.508	128	77275	31.780	ug/L	94
25) Chloroform	7.673	83	290710	28.289	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	202074	31.574	ug/L	98
29) Cyclohexane	7.953	56	202946	25.263	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	213919	24.843	ug/L	99
31) Carbon tetrachloride	8.069	117	185197	23.935	ug/L	100
33) Benzene	8.325	78	610473	28.254	ug/L	100
34) Trichloroethene	9.087	95	153289	25.728	ug/L	92
35) Methylcyclohexane	9.337	83	221113	23.415	ug/L	99
37) 1,2-Dichloropropane	9.368	63	165263	30.605	ug/L	99
38) Bromodichloromethane	9.642	83	210681	29.710	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	247554	30.646	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	206263	83.526	ug/L	99
42) Toluene	10.386	91	620492	27.119	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	211932	31.581	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	128268	33.094	ug/L	98
46) Tetrachloroethene	10.861	164	110429	24.245	ug/L	93
48) 2-Hexanone	10.965	43	150811	80.272	ug/L	97
49) Dibromochloromethane	11.123	129	142554	33.733	ug/L	96
50) 1,2-Dibromoethane	11.233	107	124708	34.890	ug/L	95
51) Chlorobenzene	11.654	112	393837	26.896	ug/L	96
52) Ethylbenzene	11.727	91	635827	24.595	ug/L	99
53) m,p-Xylene	11.837	106	241999	24.889	ug/L	96
54) o-Xylene	12.166	106	244172	27.292	ug/L	98
55) Styrene	12.178	104	438768	28.704	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	155095	36.667	ug/L	97
59) Bromoform	12.343	173	78121	34.898	ug/L	100
60) Isopropylbenzene	12.459	105	581578	24.320	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	110853	37.716	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	477280	25.349	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	479913	26.173	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	286737	27.308	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	282625	26.218	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	265885	28.412	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	24992	40.163	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	171914	24.672	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	156086	28.211	ug/L	99
71) Naphthalene	15.354	128	361704	40.327	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	140934	29.557	ug/L	98

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

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