

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032224\
 Data File : VW028231.D
 Acq On : 22 Mar 2024 16:37
 Operator : SY/MD
 Sample : P1839-09MSD
 Misc : 3.28g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EOLY5MSD

Quant Time: Mar 23 01:01:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Mar 23 01:00:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	230947	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	187547	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	71870	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	56461	20.895	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.560%
7) Chloroethane-d5	2.899	69	46443	24.601	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	4.027	65	40339	23.541	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.160%
21) 2-Butanone-d5	7.081	46	36135	45.340	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.680%
24) Chloroform-d	7.655	84	189451	27.819	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.280%
26) 1,2-Dichloroethane-d4	8.307	65	98579	26.267	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.080%
32) Benzene-d6	8.276	84	350354	30.597	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	122.400%
36) 1,2-Dichloropropane-d6	9.270	67	101340	30.754	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.000%#
41) Toluene-d8	10.319	98	304431	28.824	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	115.280%
43) trans-1,3-Dichloroprop...	10.575	79	43479	29.051	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	116.200%
47) 2-Hexanone-d5	10.922	63	30232	55.504	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.000%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	65425	26.878	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.520%
66) 1,2-Dichlorobenzene-d4	13.849	152	71662	27.372	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	68175	20.349	ug/L #	87
3) Chloromethane	2.223	50	50422	21.220	ug/L	98
5) Vinyl chloride	2.375	62	62851	23.400	ug/L	98
6) Bromomethane	2.790	94	37972	23.738	ug/L	90
8) Chloroethane	2.936	64	36076	24.989	ug/L	98
9) Trichlorofluoromethane	3.271	101	86788	26.725	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	70155	21.746	ug/L	100
12) 1,1-Dichloroethene	4.052	96	74665	25.036	ug/L	80
13) Acetone	4.137	43	37092	41.916	ug/L	100
14) Carbon disulfide	4.387	76	181822	19.547	ug/L	99
15) Methyl Acetate	4.679	43	25673	18.835	ug/L	96
16) Methylene chloride	4.917	84	82713	23.531	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	79826	25.187	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	125136	26.170	ug/L	99
19) 1,1-Dichloroethane	6.222	63	159776	26.040	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	88927	25.980	ug/L	96
22) 2-Butanone	7.173	43	42495	42.296	ug/L	97
23) Bromochloromethane	7.514	128	37365	24.692	ug/L	92
25) Chloroform	7.679	83	163448	25.876	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	106855	23.954	ug/L	96
29) Cyclohexane	7.953	56	104051	21.270	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	140955	28.671	ug/L	98
31) Carbon tetrachloride	8.069	117	122300	26.521	ug/L	98
33) Benzene	8.325	78	329913	28.587	ug/L	100
34) Trichloroethene	9.093	95	86954	27.006	ug/L	95
35) Methylcyclohexane	9.337	83	85067	15.630	ug/L	99
37) 1,2-Dichloropropane	9.368	63	84104	28.492	ug/L	100
38) Bromodichloromethane	9.642	83	110666	27.806	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	133730	28.288	ug/L	96
40) 4-Methyl-2-pentanone	10.203	43	81581	50.068	ug/L	98
42) Toluene	10.386	91	342109	27.161	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	108260	27.124	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	56350	26.421	ug/L	99
46) Tetrachloroethene	10.861	164	58796	22.654	ug/L	97
48) 2-Hexanone	10.965	43	61873	48.476	ug/L	96
49) Dibromochloromethane	11.123	129	66965	26.512	ug/L	99
50) 1,2-Dibromoethane	11.233	107	51927	25.463	ug/L	94
51) Chlorobenzene	11.654	112	201167	25.163	ug/L	98
52) Ethylbenzene	11.727	91	351947	23.936	ug/L	100
53) m,p-Xylene	11.837	106	132280	23.907	ug/L	94
54) o-Xylene	12.160	106	124702	24.303	ug/L	90
55) Styrene	12.178	104	216595	24.575	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.709	83	58188	23.853	ug/L	96
59) Bromoform	12.349	173	35446	32.914	ug/L	98
60) Isopropylbenzene	12.459	105	309334	28.969	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	44762	32.634	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	189793	26.490	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	228343	26.394	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	120421	25.278	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	123031	25.827	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	104679	25.516	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.476	75	9147	28.388	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	51022	15.376	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	40151	14.243	ug/L	98
71) Naphthalene	15.360	128	100376	20.745	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	31117	13.390	ug/L	97

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

