

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031424\
 Data File : VW028184.D
 Acq On : 14 Mar 2024 17:27
 Operator : SY/MD
 Sample : P1742-20MS
 Misc : 5.27g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 15 01:59:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 15 01:46:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	219977	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	182499	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	68897	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	64814	25.182	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 100.720%	
7) Chloroethane-d5	2.899	69	46399	25.803	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 103.200%	
11) 1,1-Dichloroethene-d2	4.021	65	41350	25.334	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 101.320%	
21) 2-Butanone-d5	7.075	46	54944	72.378	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 144.760%#	
24) Chloroform-d	7.648	84	175212	27.012	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 108.040%	
26) 1,2-Dichloroethane-d4	8.307	65	104584	29.257	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 117.040%	
32) Benzene-d6	8.270	84	335143	30.078	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 120.320%	
36) 1,2-Dichloropropane-d6	9.270	67	98128	30.603	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 122.400%#	
41) Toluene-d8	10.319	98	294125	28.619	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 114.480%	
43) trans-1,3-Dichloroprop...	10.575	79	46048	31.619	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 126.480%	
47) 2-Hexanone-d5	10.922	63	44313	83.607	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 167.220%#	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	79353	33.502	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 134.000%#	
66) 1,2-Dichlorobenzene-d4	13.849	152	69799	27.810	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 111.240%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	58078	18.200	ug/L #	87
3) Chloromethane	2.229	50	44185	19.522	ug/L	96
5) Vinyl chloride	2.375	62	50701	19.818	ug/L	97
6) Bromomethane	2.790	94	30591	20.078	ug/L	95
8) Chloroethane	2.942	64	27631	20.094	ug/L	99
9) Trichlorofluoromethane	3.271	101	65036	21.026	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	53408	17.381	ug/L #	83
12) 1,1-Dichloroethene	4.045	96	55918	19.685	ug/L	90
13) Acetone	4.119	43	50511	59.927	ug/L	98
14) Carbon disulfide	4.393	76	171376	19.343	ug/L	98
15) Methyl Acetate	4.673	43	31541	24.294	ug/L	98
16) Methylene chloride	4.917	84	60797	18.159	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	59423	19.684	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	106671	23.420	ug/L	99
19) 1,1-Dichloroethane	6.216	63	117812	20.159	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	65622	20.127	ug/L	98
22) 2-Butanone	7.167	43	52012	54.350	ug/L	98
23) Bromochloromethane	7.514	128	30151	20.918	ug/L	92
25) Chloroform	7.679	83	121986	20.275	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	91076	21.435	ug/L	96
29) Cyclohexane	7.959	56	78342	16.458	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	102385	21.402	ug/L	99
31) Carbon tetrachloride	8.069	117	88259	19.669	ug/L	100
33) Benzene	8.325	78	247593	22.047	ug/L	100
34) Trichloroethene	9.093	95	64899	20.714	ug/L	97
35) Methylcyclohexane	9.331	83	60076	11.344	ug/L	99
37) 1,2-Dichloropropane	9.368	63	63714	22.181	ug/L	100
38) Bromodichloromethane	9.642	83	86357	22.299	ug/L	95
39) cis-1,3-Dichloropropene	10.075	75	106181	23.082	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	91831	57.918	ug/L	99
42) Toluene	10.386	91	254452	20.761	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	92842	23.905	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	49996	24.090	ug/L	98
46) Tetrachloroethene	10.861	164	108285	42.876	ug/L	97
48) 2-Hexanone	10.965	43	75617	60.882	ug/L	98
49) Dibromochloromethane	11.123	129	56432	22.960	ug/L	100
50) 1,2-Dibromoethane	11.233	107	48087	24.232	ug/L	98
51) Chlorobenzene	11.654	112	150897	19.397	ug/L	98
52) Ethylbenzene	11.727	91	254809	17.809	ug/L	99
53) m,p-Xylene	11.837	106	96758	17.971	ug/L	97
54) o-Xylene	12.166	106	90108	18.047	ug/L	100
55) Styrene	12.178	104	163384	19.051	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	57788	24.344	ug/L	97
59) Bromoform	12.349	173	33719	32.661	ug/L	99
60) Isopropylbenzene	12.459	105	212977	20.806	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	44806	34.076	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	125022	18.202	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	154675	18.650	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	85227	18.662	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	85642	18.754	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	82335	20.936	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	10091	32.670	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	35042	11.016	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	29065	10.755	ug/L	97
71) Naphthalene	15.354	128	90318	19.472	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	23980	10.764	ug/L	97

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

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