

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031524\
 Data File : VW028202.D
 Acq On : 15 Mar 2024 10:54
 Operator : SY/MD
 Sample : P1742-20MS
 Misc : 4.73g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E0755MS

Quant Time: Mar 18 01:30:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Mar 18 01:23:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	262759	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	223001	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	92666	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	67169	21.848	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.400%
7) Chloroethane-d5	2.893	69	50154	23.350	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	4.021	65	48013	24.627	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.520%
21) 2-Butanone-d5	7.075	46	57579	63.499	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.000%
24) Chloroform-d	7.648	84	211582	27.308	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.240%
26) 1,2-Dichloroethane-d4	8.301	65	121157	28.375	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.520%
32) Benzene-d6	8.270	84	404111	29.681	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.720%
36) 1,2-Dichloropropane-d6	9.276	67	115183	29.398	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.600%
41) Toluene-d8	10.319	98	361677	28.800	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	115.200%
43) trans-1,3-Dichloroprop...	10.575	79	53481	30.053	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	120.200%
47) 2-Hexanone-d5	10.922	63	47577	73.462	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	146.920%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	89778	31.019	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.080%#
66) 1,2-Dichlorobenzene-d4	13.849	152	88750	26.291	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.160%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	65451	17.171	ug/L #	88
3) Chloromethane	2.223	50	49920	18.465	ug/L	99
5) Vinyl chloride	2.369	62	57280	18.744	ug/L	98
6) Bromomethane	2.783	94	35001	19.232	ug/L	93
8) Chloroethane	2.936	64	31451	19.148	ug/L	98
9) Trichlorofluoromethane	3.265	101	79918	21.630	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	66425	18.097	ug/L	96
12) 1,1-Dichloroethene	4.045	96	68810	20.280	ug/L	91
13) Acetone	4.125	43	47535	47.214	ug/L	100
14) Carbon disulfide	4.393	76	204745	19.347	ug/L	98
15) Methyl Acetate	4.673	43	34099	21.988	ug/L	99
16) Methylene chloride	4.923	84	70118	17.533	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	74020	20.527	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	120962	22.234	ug/L	99
19) 1,1-Dichloroethane	6.216	63	145304	20.815	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	81906	21.032	ug/L	95
22) 2-Butanone	7.173	43	54596	47.762	ug/L	96
23) Bromochloromethane	7.514	128	36027	20.925	ug/L	93
25) Chloroform	7.673	83	149836	20.849	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	108266	21.332	ug/L	98
29) Cyclohexane	7.953	56	109208	18.775	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	129548	22.162	ug/L	99
31) Carbon tetrachloride	8.069	117	117595	21.446	ug/L	100
33) Benzene	8.319	78	305235	22.244	ug/L	100
34) Trichloroethene	9.087	95	82997	21.679	ug/L	92
35) Methylcyclohexane	9.331	83	87020	13.447	ug/L	97
37) 1,2-Dichloropropane	9.368	63	78533	22.375	ug/L	100
38) Bromodichloromethane	9.642	83	106190	22.440	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	130091	23.143	ug/L	99
40) 4-Methyl-2-pentanone	10.203	43	102436	52.872	ug/L	98
42) Toluene	10.386	91	325427	21.729	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	112232	23.649	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	58840	23.202	ug/L	98
46) Tetrachloroethene	10.861	164	220514	71.455	ug/L	98
48) 2-Hexanone	10.965	43	83903	55.285	ug/L	98
49) Dibromochloromethane	11.123	129	67656	22.527	ug/L	94
50) 1,2-Dibromoethane	11.233	107	55634	22.943	ug/L	94
51) Chlorobenzene	11.654	112	194441	20.455	ug/L	98
52) Ethylbenzene	11.727	91	342941	19.616	ug/L	99
53) m,p-Xylene	11.837	106	127621	19.398	ug/L	100
54) o-Xylene	12.160	106	120761	19.794	ug/L	93
55) Styrene	12.178	104	210898	20.125	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.709	83	66655	22.979	ug/L	98
59) Bromoform	12.343	173	38988	28.078	ug/L	99
60) Isopropylbenzene	12.459	105	301418	21.893	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	51702	29.234	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	183266	19.838	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	230639	20.676	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	118845	19.349	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	123018	20.029	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	110096	20.814	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	11919	28.690	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.623	180	49977	11.681	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	38907	10.704	ug/L	100
71) Naphthalene	15.360	128	113087	18.127	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	31193	10.410	ug/L	98

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

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