

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062824\
 Data File : VW029405.D
 Acq On : 28 Jun 2024 17:58
 Operator : SY/MD
 Sample : P3102-03MS
 Misc : 4.67g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4CE1MS

Quant Time: Jun 29 02:14:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 29 02:05:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	359894	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	277831	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	90329	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	88141	17.694	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.760%
7) Chloroethane-d5	2.899	69	77002	18.305	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.240%
11) 1,1-Dichloroethene-d2	4.021	65	44128	18.347	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.400%
21) 2-Butanone-d5	7.075	46	63473	42.590	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.180%
24) Chloroform-d	7.654	84	229198	21.349	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	8.307	65	130293	21.138	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.560%
32) Benzene-d6	8.276	84	421849	24.998	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	9.276	67	140445	26.181	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.720%
41) Toluene-d8	10.325	98	343173	22.985	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.960%
43) trans-1,3-Dichloroprop...	10.575	79	47660	22.047	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.200%
47) 2-Hexanone-d5	10.922	63	41815	49.725	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.440%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	95593	22.390	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	66631	21.251	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	54364	15.483	ug/L	95
3) Chloromethane	2.222	50	88338	17.645	ug/L	100
5) Vinyl chloride	2.375	62	103805	18.055	ug/L	98
6) Bromomethane	2.789	94	57624	16.675	ug/L	93
8) Chloroethane	2.936	64	68755	19.551	ug/L	98
9) Trichlorofluoromethane	3.265	101	97799	21.941	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	85624	17.422	ug/L	97
12) 1,1-Dichloroethene	4.045	96	86451	20.731	ug/L	86
13) Acetone	4.118	43	38303	30.242	ug/L	97
14) Carbon disulfide	4.393	76	214662	15.769	ug/L	99
15) Methyl Acetate	4.667	43	42795	17.020	ug/L	98
16) Methylene chloride	4.917	84	108911	17.210	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	93977	20.293	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	181248	24.462	ug/L	99
19) 1,1-Dichloroethane	6.222	63	220295	22.025	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	110321	21.603	ug/L	96
22) 2-Butanone	7.167	43	66916	38.542	ug/L	99
23) Bromochloromethane	7.514	128	47260	20.788	ug/L	95
25) Chloroform	7.673	83	213092	21.818	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	150920	20.951	ug/L	99
29) Cyclohexane	7.959	56	124075	19.535	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	160199	25.930	ug/L	96
31) Carbon tetrachloride	8.069	117	135628	24.032	ug/L	97
33) Benzene	8.319	78	437467	26.206	ug/L	100
34) Trichloroethene	9.087	95	104537	23.472	ug/L	94
35) Methylcyclohexane	9.331	83	93316	13.323	ug/L	99
37) 1,2-Dichloropropane	9.368	63	122375	26.088	ug/L	99
38) Bromodichloromethane	9.642	83	146892	25.612	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	151783	22.891	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	149813	51.528	ug/L	98
42) Toluene	10.386	91	418593	24.391	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	127909	22.845	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	81554	24.963	ug/L	97
46) Tetrachloroethene	10.861	164	61814	19.854	ug/L	88
48) 2-Hexanone	10.965	43	95555	46.318	ug/L	100
49) Dibromochloromethane	11.123	129	84205	24.657	ug/L	99
50) 1,2-Dibromoethane	11.233	107	69305	23.632	ug/L	94
51) Chlorobenzene	11.654	112	232792	20.889	ug/L	98
52) Ethylbenzene	11.727	91	413124	21.207	ug/L	97
53) m,p-Xylene	11.837	106	146934	20.650	ug/L	94
54) o-Xylene	12.160	106	140609	21.144	ug/L	90
55) Styrene	12.178	104	237184	20.456	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	87453	21.641	ug/L	95
59) Bromoform	12.349	173	43243	34.929	ug/L	99
60) Isopropylbenzene	12.458	105	343135	28.509	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	68156	34.593	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	220741	25.324	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	238469	25.427	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	114554	21.993	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	116912	21.096	ug/L	99
67) 1,2-Dichlorobenzene	13.861	146	103898	21.577	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	12949	28.164	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	45161	12.847	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	31245	10.965	ug/L	95
71) Naphthalene	15.360	128	79843	14.196	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	25143	9.684	ug/L	97

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

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