

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110124\
 Data File : VW030891.D
 Acq On : 01 Nov 2024 17:23
 Operator : SY/MD
 Sample : P4585-07MS
 Misc : 4.60g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4EE0MS

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 11/04/2024
 Supervised By :Mahesh Dadoda 11/05/2024

Quant Time: Nov 04 00:55:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 01 03:09:59 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	561682	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	464620	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	205317	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	185334	20.992	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.960%
7) Chloroethane-d5	2.899	69	158018	23.645	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.560%
11) 1,1-Dichloroethene-d2	4.021	65	81644	22.233	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.920%
21) 2-Butanone-d5	7.081	46	61993	39.018	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.040%
24) Chloroform-d	7.648	84	383254	23.859	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.440%
26) 1,2-Dichloroethane-d4	8.307	65	191394	22.914	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.640%
32) Benzene-d6	8.270	84	713264	26.450	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.800%
36) 1,2-Dichloropropane-d6	9.270	67	210656	26.615	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.480%
41) Toluene-d8	10.318	98	604800	24.568	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.280%
43) trans-1,3-Dichloroprop...	10.575	79	80029	24.147	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.600%
47) 2-Hexanone-d5	10.922	63	50644	49.678	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.360%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	144176	24.804	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	13.854	152	170730	24.576	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.320%
Target Compounds						
2) Dichlorodifluoromethane	2.015	85	146247m	20.379	ug/L	Qvalue
3) Chloromethane	2.222	50	164170	19.683	ug/L	98
5) Vinyl chloride	2.375	62	187940	18.323	ug/L	99
6) Bromomethane	2.789	94	122704	18.175	ug/L	95
8) Chloroethane	2.936	64	116453	18.573	ug/L	98
9) Trichlorofluoromethane	3.265	101	161969	17.648	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	148272	17.957	ug/L	98
12) 1,1-Dichloroethene	4.045	96	138531	18.383	ug/L	90
13) Acetone	4.118	43	51880	22.303	ug/L	92
14) Carbon disulfide	4.393	76	425443	17.288	ug/L	99
15) Methyl Acetate	4.673	43	47638	16.579	ug/L	98
16) Methylene chloride	4.917	84	149825	17.644	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	151359	18.614	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	218647	19.212	ug/L	99
19) 1,1-Dichloroethane	6.216	63	288046	19.059	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	163776	18.883	ug/L	97
22) 2-Butanone	7.167	43	67809	27.044	ug/L	100
23) Bromochloromethane	7.514	128	69332	18.273	ug/L	93
25) Chloroform	7.679	83	299593	18.550	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	186490	17.503	ug/L	100
29) Cyclohexane	7.959	56	225965	19.979	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	241901	19.613	ug/L	98
31) Carbon tetrachloride	8.069	117	217454	19.740	ug/L	98
33) Benzene	8.325	78	627895	20.767	ug/L	100
34) Trichloroethene	9.093	95	158564	18.850	ug/L	98
35) Methylcyclohexane	9.337	83	258122	19.499	ug/L	98
37) 1,2-Dichloropropane	9.367	63	159337	21.100	ug/L	100
38) Bromodichloromethane	9.642	83	206323	20.536	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	235625	20.686	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	143911	39.669	ug/L	99
42) Toluene	10.386	91	636621	19.736	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	187865	19.627	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	106251	19.468	ug/L	96
46) Tetrachloroethene	10.861	164	105595	17.020	ug/L	82
48) 2-Hexanone	10.965	43	100672	33.934	ug/L	99
49) Dibromochloromethane	11.123	129	119743	19.664	ug/L	100
50) 1,2-Dibromoethane	11.227	107	97881	19.220	ug/L	99
51) Chlorobenzene	11.654	112	392487	18.902	ug/L	97
52) Ethylbenzene	11.727	91	675534	18.353	ug/L	100
53) m,p-Xylene	11.836	106	248669	18.033	ug/L	98
54) o-Xylene	12.160	106	241598	18.951	ug/L	92
55) Styrene	12.178	104	410767	18.848	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.708	83	116223	18.884	ug/L	94
59) Bromoform	12.349	173	63995	22.185	ug/L	99
60) Isopropylbenzene	12.458	105	616039	19.375	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	81250	20.337	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	485124	19.339	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	474530	19.321	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	263027	19.005	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	255288	17.864	ug/L	90
67) 1,2-Dichlorobenzene	13.867	146	242328	19.898	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	17098	19.193	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	149819	16.416	ug/L	92
70) 1,2,4-trichlorobenzene	15.129	180	123632	16.827	ug/L	99
71) Naphthalene	15.360	128	238914	18.822	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	109517	17.194	ug/L	99

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

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