

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122124\
 Data File : VW031468.D
 Acq On : 21 Dec 2024 18:32
 Operator : SY/MD
 Sample : MDL06
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL06

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024
 Supervised By :Mahesh Dadoda 12/24/2024

Quant Time: Dec 23 00:55:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Dec 23 00:16:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	523235	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	453019	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	224757	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	155507	19.753	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.000%
7) Chloroethane-d5	2.893	69	133220	22.876	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.520%
11) 1,1-Dichloroethene-d2	4.015	65	68317	18.294	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.160%
21) 2-Butanone-d5	7.106	46	75325	50.805	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.620%
24) Chloroform-d	7.648	84	310775	21.678	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.720%
26) 1,2-Dichloroethane-d4	8.307	65	172207	23.918	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.680%
32) Benzene-d6	8.270	84	621602	21.408	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.640%
36) 1,2-Dichloropropane-d6	9.270	67	186428	22.030	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.120%
41) Toluene-d8	10.319	98	563195	20.850	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	10.575	79	71509	18.326	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.320%
47) 2-Hexanone-d5	10.922	63	56749	49.866	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.740%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	145424	27.370	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.480%
66) 1,2-Dichlorobenzene-d4	13.848	152	186937	22.404	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	4262	0.901	ug/L	94
3) Chloromethane	2.210	50	6808	1.282	ug/L	99
5) Vinyl chloride	2.363	62	10419m	1.415	ug/L	
6) Bromomethane	2.783	94	6062	1.339	ug/L	95
8) Chloroethane	2.924	64	5899	1.347	ug/L	100
9) Trichlorofluoromethane	3.265	101	9570	1.220	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	9684m	1.529	ug/L	
12) 1,1-Dichloroethene	4.039	96	9032	1.408	ug/L #	1
14) Carbon disulfide	4.381	76	19553	0.935	ug/L	99
15) Methyl Acetate	4.704	43	5286m	2.254	ug/L	
17) trans-1,2-Dichloroethene	5.429	96	8790	1.271	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	14984	1.296	ug/L #	85
19) 1,1-Dichloroethane	6.222	63	15362	1.189	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	9668	1.292	ug/L	98
22) 2-Butanone	7.197	43	8545m	3.416	ug/L	
23) Bromochloromethane	7.514	128	3971	1.331	ug/L	94
25) Chloroform	7.673	83	20343	1.595	ug/L	96
27) 1,2-Dichloroethane	8.398	62	11675	1.456	ug/L	99
29) Cyclohexane	7.953	56	13636	1.110	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	7.868	97	12923	1.104	ug/L	95
31) Carbon tetrachloride	8.069	117	10548	1.011	ug/L	97
33) Benzene	8.325	78	35841	1.280	ug/L	100
34) Trichloroethene	9.093	95	10001	1.265	ug/L	96
35) Methylcyclohexane	9.331	83	16084	1.169	ug/L	98
37) 1,2-Dichloropropane	9.367	63	9336	1.337	ug/L	98
38) Bromodichloromethane	9.642	83	10555	1.163	ug/L	93
39) cis-1,3-Dichloropropene	10.069	75	13425	1.138	ug/L	97
40) 4-Methyl-2-pentanone	10.215	43	11390m	3.074	ug/L	
42) Toluene	10.386	91	38372	1.259	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	13306	1.381	ug/L	89
45) 1,1,2-Trichloroethane	10.782	97	6457	1.390	ug/L	95
46) Tetrachloroethene	10.867	164	7459	1.288	ug/L	81
48) 2-Hexanone	10.971	43	6776m	2.150	ug/L	
49) Dibromochloromethane	11.129	129	6214	1.128	ug/L	90
50) 1,2-Dibromoethane	11.233	107	6175	1.403	ug/L #	93
51) Chlorobenzene	11.654	112	24773	1.296	ug/L	97
52) Ethylbenzene	11.727	91	43929	1.244	ug/L	99
53) m,p-Xylene	11.837	106	16071	1.195	ug/L	90
54) o-Xylene	12.160	106	15289	1.206	ug/L	86
55) Styrene	12.178	104	24032	1.140	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.708	83	8123	1.622	ug/L #	93
59) Bromoform	12.349	173	2989	0.947	ug/L	100
60) Isopropylbenzene	12.458	105	41520	1.129	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	5552	1.444	ug/L	95
62) 1,3,5-Trimethylbenzene	12.940	105	33846	1.085	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	32493	1.078	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	18293	1.228	ug/L	89
65) 1,4-Dichlorobenzene	13.574	146	18751	1.270	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	16265	1.267	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	1384	1.418	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	12656	1.213	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	10718	1.235	ug/L	90
71) Naphthalene	15.354	128	18839	1.238	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	9041	1.293	ug/L	97

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

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