

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061523\
 Data File : VW026211.D
 Acq On : 15 Jun 2023 18:17
 Operator : SY/MD
 Sample : 03234-05MS
 Misc : 5.72g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBTX2MS

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2023
 Supervised By :Mahesh Dadoda 06/16/2023

Quant Time: Jun 16 06:23:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 14 23:24:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	608846	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	543458	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	236120	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	161087	18.807	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.240%
7) Chloroethane-d5	2.893	69	150489	23.471	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.880%
11) 1,1-Dichloroethene-d2	4.027	65	83333	19.731	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.920%
21) 2-Butanone-d5	7.075	46	202332	81.140	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	162.280%#
24) Chloroform-d	7.648	84	410289	23.012	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.040%
26) 1,2-Dichloroethane-d4	8.301	65	251398	25.786	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.160%
32) Benzene-d6	8.276	84	793427	21.697	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	9.270	67	272987	23.563	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.240%
41) Toluene-d8	10.319	98	668288	20.607	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.440%
43) trans-1,3-Dichloroprop...	10.575	79	99782	21.735	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.920%
47) 2-Hexanone-d5	10.922	63	141416	77.414	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	154.820%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	268931	31.900	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	127.600%#
66) 1,2-Dichlorobenzene-d4	13.848	152	197906	21.898	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	162931m	21.830	ug/L	
3) Chloromethane	2.229	50	206597	21.588	ug/L	98
5) Vinyl chloride	2.375	62	209649	20.494	ug/L	98
6) Bromomethane	2.789	94	119331	21.398	ug/L	100
8) Chloroethane	2.930	64	130250	23.562	ug/L	95
9) Trichlorofluoromethane	3.265	101	141204	21.456	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	171778	20.686	ug/L	97
12) 1,1-Dichloroethene	4.051	96	159498	20.575	ug/L	81
13) Acetone	4.118	43	160343	83.101	ug/L	99
14) Carbon disulfide	4.393	76	458229	16.745	ug/L	98
15) Methyl Acetate	4.667	43	135335	31.252	ug/L	99
16) Methylene chloride	4.923	84	200418	20.624	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	171306	19.696	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	325803	23.768	ug/L	99
19) 1,1-Dichloroethane	6.216	63	384678	21.725	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	199194	21.622	ug/L	97
22) 2-Butanone	7.167	43	216423	78.631	ug/L	97
23) Bromochloromethane	7.514	128	90800	23.110	ug/L	96
25) Chloroform	7.679	83	363063	22.015	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	274802	24.160	ug/L	99
29) Cyclohexane	7.959	56	308865	18.409	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	269174	20.410	ug/L	99
31) Carbon tetrachloride	8.069	117	238492	19.817	ug/L	100
33) Benzene	8.325	78	787359	21.149	ug/L	100
34) Trichloroethene	9.093	95	255639	26.817	ug/L	98
35) Methylcyclohexane	9.331	83	284160	16.846	ug/L	99
37) 1,2-Dichloropropane	9.367	63	242275	24.027	ug/L	99
38) Bromodichloromethane	9.642	83	262074	22.371	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	320147	21.605	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	399173	67.145	ug/L	100
42) Toluene	10.386	91	789235	20.727	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	276360	22.386	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	170051	25.588	ug/L	96
46) Tetrachloroethene	10.867	164	128875	19.113	ug/L	92
48) 2-Hexanone	10.965	43	312613	74.578	ug/L	99
49) Dibromochloromethane	11.129	129	161364	23.159	ug/L	99
50) 1,2-Dibromoethane	11.233	107	154099	25.043	ug/L	98
51) Chlorobenzene	11.654	112	466823	19.564	ug/L	100
52) Ethylbenzene	11.727	91	849996	19.788	ug/L	100
53) m,p-Xylene	11.837	106	314994	19.712	ug/L	90
54) o-Xylene	12.166	106	293109	19.434	ug/L	95
55) Styrene	12.178	104	511119	19.754	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	228173	28.370	ug/L	98
59) Bromoform	12.349	173	97562	27.510	ug/L	98
60) Isopropylbenzene	12.458	105	783552	21.124	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	170197	32.179	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	618478	20.975	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	560616	20.758	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	295906	18.973	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	307516	19.585	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	283594	20.249	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.482	75	37101	30.277	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	154610	14.431	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	123848	14.010	ug/L	94
71) Naphthalene	15.360	128	336898	21.383	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	126646	16.392	ug/L	96

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

Manual Integrations

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