

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061923\
 Data File : VW026255.D
 Acq On : 19 Jun 2023 18:20
 Operator : SY/MD
 Sample : 03325-03MSD
 Misc : 5.19g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW38MSD

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

Quant Time: Jun 20 03:19:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 23:58:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	696023	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	549740	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	209724	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	172601	17.627	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.520%
7) Chloroethane-d5	2.893	69	170327	23.238	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.960%
11) 1,1-Dichloroethene-d2	4.021	65	92562	19.171	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.680%
21) 2-Butanone-d5	7.075	46	220103	77.211	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	154.420%#
24) Chloroform-d	7.648	84	469908	23.055	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	8.307	65	263841	23.673	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.680%
32) Benzene-d6	8.270	84	883688	23.889	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.560%
36) 1,2-Dichloropropane-d6	9.270	67	304479	25.981	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.920%
41) Toluene-d8	10.325	98	710969	21.672	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.680%
43) trans-1,3-Dichloroprop...	10.575	79	93595	20.154	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.600%
47) 2-Hexanone-d5	10.922	63	143667	77.747	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	155.500%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	267843	31.408	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	125.640%#
66) 1,2-Dichlorobenzene-d4	13.848	152	164330	20.471	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.880%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	181439m	21.265	ug/L	
3) Chloromethane	2.222	50	230857	21.101	ug/L	97
5) Vinyl chloride	2.375	62	227462	19.451	ug/L	99
6) Bromomethane	2.783	94	125871	19.744	ug/L	95
8) Chloroethane	2.930	64	140819	22.283	ug/L	98
9) Trichlorofluoromethane	3.265	101	169947	22.589	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	189789	19.992	ug/L	100
12) 1,1-Dichloroethene	4.045	96	173140	19.538	ug/L	93
13) Acetone	4.118	43	155082	70.307	ug/L	99
14) Carbon disulfide	4.387	76	449470	14.368	ug/L	100
15) Methyl Acetate	4.667	43	136260	27.524	ug/L	99
16) Methylene chloride	4.917	84	253405	22.811	ug/L	99
17) trans-1,2-Dichloroethene	5.417	96	171216	17.220	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	336385	21.466	ug/L	99
19) 1,1-Dichloroethane	6.216	63	419778	20.738	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	203848	19.355	ug/L	96
22) 2-Butanone	7.167	43	204810	65.091	ug/L	98
23) Bromochloromethane	7.514	128	88793	19.769	ug/L	97
25) Chloroform	7.673	83	391779	20.780	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	270662	20.815	ug/L	98
29) Cyclohexane	7.959	56	351566	20.714	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	301266	22.582	ug/L	99
31) Carbon tetrachloride	8.069	117	256211	21.046	ug/L	100
33) Benzene	8.319	78	844740	22.431	ug/L	100
34) Trichloroethene	9.093	95	195788	20.303	ug/L	98
35) Methylcyclohexane	9.331	83	316517	18.550	ug/L	97
37) 1,2-Dichloropropane	9.367	63	241060	23.633	ug/L	100
38) Bromodichloromethane	9.642	83	266110	22.456	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	305351	20.371	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	380893	63.338	ug/L	100
42) Toluene	10.386	91	807683	20.969	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	246089	19.706	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	164488	24.468	ug/L	99
46) Tetrachloroethene	10.861	164	124843	18.304	ug/L	94
48) 2-Hexanone	10.965	43	277707	65.494	ug/L	98
49) Dibromochloromethane	11.129	129	160104	22.716	ug/L	89
50) 1,2-Dibromoethane	11.233	107	142174	22.841	ug/L	97
51) Chlorobenzene	11.654	112	454754	18.841	ug/L	99
52) Ethylbenzene	11.727	91	853643	19.646	ug/L	97
53) m,p-Xylene	11.837	106	304144	18.816	ug/L	99
54) o-Xylene	12.166	106	301905	19.789	ug/L	99
55) Styrene	12.178	104	449783	17.184	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	211053	25.942	ug/L	99
59) Bromoform	12.349	173	91649	29.095	ug/L	96
60) Isopropylbenzene	12.464	105	824733	25.033	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	155823	33.170	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	594008	22.680	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	516084	21.514	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	239851	17.315	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	245887	17.631	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	230557	18.534	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.482	75	31789	29.207	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	122047	12.826	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	78243	9.965	ug/L	94
71) Naphthalene	15.360	128	199615	14.264	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	76209	11.106	ug/L	99

06/20/2023
 Supervised By :Mahesh
 Dadoda

06/26/2023

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

