

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032023\
 Data File : VW025433.D
 Acq On : 20 Mar 2023 11:15
 Operator : SY/MD
 Sample : 01977-17MSD
 Misc : 6.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EYGA2MSD

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

Quant Time: Mar 20 23:51:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Mar 20 23:49:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	530450	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	369416	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	111392	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	202870	23.002	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.000%
7) Chloroethane-d5	2.899	69	162948	25.676	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.720%
11) 1,1-Dichloroethene-d2	4.027	63	391654	22.991	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.960%
21) 2-Butanone-d5	7.075	46	241927	111.750	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	223.500%#
24) Chloroform-d	7.648	84	425286	27.811	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.240%
26) 1,2-Dichloroethane-d4	8.306	65	265798	32.383	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	129.520%
32) Benzene-d6	8.276	84	828231	32.812	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	131.240%
36) 1,2-Dichloropropane-d6	9.276	67	286310	36.665	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	146.640%#
41) Toluene-d8	10.324	98	643524	28.916	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	115.680%
43) trans-1,3-Dichloroprop...	10.574	79	97205	31.261	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	125.040%
47) 2-Hexanone-d5	10.922	63	151555	134.969	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	269.940%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	289807	50.657	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	202.640%#
66) 1,2-Dichlorobenzene-d4	13.848	152	134635	32.502	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	130.000%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	132260m	21.818	ug/L	
3) Chloromethane	2.228	50	189608	26.299	ug/L	96
5) Vinyl chloride	2.375	62	215950	26.512	ug/L	97
6) Bromomethane	2.789	94	114612	26.392	ug/L	96
8) Chloroethane	2.935	64	126601	27.043	ug/L	96
9) Trichlorofluoromethane	3.271	101	153402	21.759	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	168529	24.649	ug/L	94
12) 1,1-Dichloroethene	4.045	96	159710m	24.144	ug/L	
13) Acetone	4.118	43	157898	75.871	ug/L	99
14) Carbon disulfide	4.392	76	452292	21.991	ug/L	98
15) Methyl Acetate	4.667	43	170618	43.702	ug/L	98
16) Methylene chloride	4.923	84	203666	27.574	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	162389	23.418	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	392311	37.579	ug/L #	94
19) 1,1-Dichloroethane	6.215	63	385084	26.817	ug/L	100
20) cis-1,2-Dichloroethene	7.172	96	192714	25.383	ug/L #	98
22) 2-Butanone	7.172	43	230364	85.568	ug/L	99
23) Bromochloromethane	7.520	128	92715	28.398	ug/L	91
25) Chloroform	7.678	83	362449	26.850	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	282635	31.374	ug/L	99
29) Cyclohexane	7.959	56	353511	33.902	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	288121	32.809	ug/L	100
31) Carbon tetrachloride	8.075	117	245798	31.225	ug/L	99
33) Benzene	8.325	78	790113	33.453	ug/L	100
34) Trichloroethene	9.093	95	153363	24.740	ug/L	99
35) Methylcyclohexane	9.337	83	301348	28.220	ug/L	98
37) 1,2-Dichloropropane	9.367	63	228931	35.213	ug/L	100
38) Bromodichloromethane	9.642	83	254571	33.575	ug/L	98
39) cis-1,3-Dichloropropene	10.074	75	288692	30.824	ug/L	98
40) 4-Methyl-2-pentanone	10.208	43	480505	122.971	ug/L	99
42) Toluene	10.385	91	729453	29.913	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	239435	30.527	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	178877	40.970	ug/L	96
46) Tetrachloroethene	10.861	164	98378	22.304	ug/L	96
48) 2-Hexanone	10.964	43	323153	114.950	ug/L	99
49) Dibromochloromethane	11.129	129	158671	34.013	ug/L	95
50) 1,2-Dibromoethane	11.233	107	147090	36.396	ug/L #	96
51) Chlorobenzene	11.653	112	357489	23.098	ug/L	99
52) Ethylbenzene	11.727	91	676939	24.340	ug/L	98
53) m,p-Xylene	11.836	106	252769	24.641	ug/L	99
54) o-Xylene	12.165	106	272806	28.262	ug/L	94
55) Styrene	12.178	104	378766	22.978	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.714	83	248382	45.735	ug/L	97
59) Bromoform	12.348	173	97085	60.409	ug/L	98
60) Isopropylbenzene	12.464	105	664939	40.044	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	187017	77.059	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	516386	39.265	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	476443	36.774	ug/L	99
64) 1,3-Dichlorobenzene	13.494	146	170065	24.170	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	170438	23.615	ug/L	90
67) 1,2-Dichlorobenzene	13.866	146	200789	31.817	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	41856	74.497	ug/L	91
69) 1,3,5-Trichlorobenzene	14.622	180	87986	18.395	ug/L	97
70) 1,2,4-trichlorobenzene	15.128	180	60266	15.196	ug/L	100
71) Naphthalene	15.360	128	310618	39.679	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	71588	20.098	ug/L	99

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

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Abundance TIC: VW025433.D\data.ms

03/21/2023

