

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042523\
 Data File : VW025691.D
 Acq On : 25 Apr 2023 18:34
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025580

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/26/2023
 Supervised By :Mahesh Dadoda 04/26/2023

Quant Time: Apr 26 01:18:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 26 01:13:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	666168	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	612893	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	302964	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	179297	16.540	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.160%
7) Chloroethane-d5	2.899	69	153034m	19.828	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.320%
11) 1,1-Dichloroethene-d2	4.033	63	407904	18.606	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.440%
21) 2-Butanone-d5	7.075	46	152462	63.043	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.080%
24) Chloroform-d	7.648	84	441481	23.603	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	8.306	65	239570	24.620	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.480%
32) Benzene-d6	8.276	84	844064	21.269	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.080%
36) 1,2-Dichloropropane-d6	9.276	67	279600	22.596	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.400%
41) Toluene-d8	10.324	98	735209	21.208	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.840%
43) trans-1,3-Dichloroprop...	10.574	79	103499	22.309	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.240%
47) 2-Hexanone-d5	10.922	63	106736	63.106	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.220%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	231070	27.667	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.680%
66) 1,2-Dichlorobenzene-d4	13.848	152	245303	23.568	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	188511	20.236	ug/L	96
3) Chloromethane	2.222	50	244395	22.613	ug/L	100
5) Vinyl chloride	2.375	62	252919	21.169	ug/L	95
6) Bromomethane	2.789	94	137497	21.393	ug/L	97
8) Chloroethane	2.935	64	148903	22.252	ug/L	99
9) Trichlorofluoromethane	3.265	101	173479	18.847	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	213347	23.098	ug/L	99
12) 1,1-Dichloroethene	4.045	96	194154	21.000	ug/L	91
13) Acetone	4.118	43	103988	50.806	ug/L	97
14) Carbon disulfide	4.392	76	613156	18.797	ug/L	100
15) Methyl Acetate	4.673	43	124561	27.088	ug/L	97
16) Methylene chloride	4.923	84	255374	24.117	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	216082	21.983	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	356552	26.284	ug/L	99
19) 1,1-Dichloroethane	6.221	63	476456	24.261	ug/L	99
20) cis-1,2-Dichloroethene	7.172	96	247123	24.163	ug/L #	97
22) 2-Butanone	7.166	43	158754	54.561	ug/L	100
23) Bromochloromethane	7.514	128	103914	24.776	ug/L	92
25) Chloroform	7.678	83	446335	24.853	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	312604	25.939	ug/L	98
29) Cyclohexane	7.959	56	406398	20.487	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	334495	21.965	ug/L	98
31) Carbon tetrachloride	8.069	117	296086	21.529	ug/L	97
33) Benzene	8.325	78	984958	23.089	ug/L	100
34) Trichloroethene	9.093	95	240382	21.663	ug/L	90
35) Methylcyclohexane	9.337	83	402529	20.089	ug/L	100
37) 1,2-Dichloropropane	9.367	63	276282	24.523	ug/L	100
38) Bromodichloromethane	9.642	83	316292	24.537	ug/L	100
39) cis-1,3-Dichloropropene	10.074	75	379953	23.510	ug/L	98
40) 4-Methyl-2-pentanone	10.208	43	358969	56.290	ug/L	99
42) Toluene	10.385	91	1013289	23.326	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	320404	24.043	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	182518	25.407	ug/L	99
46) Tetrachloroethene	10.861	164	168131	21.544	ug/L	89
48) 2-Hexanone	10.964	43	242474	55.031	ug/L	97
49) Dibromochloromethane	11.129	129	187292	24.762	ug/L	97
50) 1,2-Dibromoethane	11.233	107	164861	24.977	ug/L	98
51) Chlorobenzene	11.653	112	619197	23.132	ug/L	97
52) Ethylbenzene	11.727	91	1141030	23.212	ug/L	97
53) m,p-Xylene	11.836	106	420026	23.300	ug/L	98
54) o-Xylene	12.165	106	404356	23.977	ug/L	98
55) Styrene	12.178	104	718787	25.322	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	225252	26.177	ug/L	100
59) Bromoform	12.348	173	106965	25.765	ug/L	99
60) Isopropylbenzene	12.464	105	1111233	23.415	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	164723	26.233	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	890444	23.768	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	861624	23.885	ug/L	98
64) 1,3-Dichlorobenzene	13.494	146	461485	23.465	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	476442	23.721	ug/L	93
67) 1,2-Dichlorobenzene	13.866	146	422050	24.479	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.482	75	35883	26.051	ug/L	96
69) 1,3,5-Trichlorobenzene	14.628	180	303283	23.033	ug/L	97
70) 1,2,4-trichlorobenzene	15.128	180	246937	23.086	ug/L	98
71) Naphthalene	15.360	128	554924	27.803	ug/L	100
72) 1,2,3-Trichlorobenzene	15.555	180	233784	24.998	ug/L	95

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

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