

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042723\
 Data File : VW025728.D
 Acq On : 27 Apr 2023 16:12
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025583

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/28/2023
 Supervised By : Mahesh Dadoda 05/01/2023

Quant Time: Apr 28 03:02:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 28 02:55:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	590000	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	533807	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	273414	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	150248	20.876	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.520%
7) Chloroethane-d5	2.893	69	124602	24.147	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	4.027	63	378503	23.067	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.280%
21) 2-Butanone-d5	7.081	46	131588	55.406	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.820%
24) Chloroform-d	7.648	84	416855	26.337	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.360%
26) 1,2-Dichloroethane-d4	8.306	65	234765	27.208	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.840%
32) Benzene-d6	8.276	84	827879	25.545	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.200%
36) 1,2-Dichloropropane-d6	9.276	67	266007	25.376	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.520%
41) Toluene-d8	10.324	98	760060	26.529	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.120%
43) trans-1,3-Dichloroprop...	10.574	79	107253	26.255	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.040%
47) 2-Hexanone-d5	10.922	63	95822	58.855	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.700%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	211451	27.370	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.480%
66) 1,2-Dichlorobenzene-d4	13.848	152	241732	25.806	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	177249m	23.726	ug/L	
3) Chloromethane	2.222	50	215331	21.819	ug/L	99
5) Vinyl chloride	2.374	62	211499	20.383	ug/L	97
6) Bromomethane	2.789	94	121506	22.133	ug/L	98
8) Chloroethane	2.929	64	122972	23.266	ug/L	94
9) Trichlorofluoromethane	3.265	101	155428	19.928	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	185585	22.801	ug/L	99
12) 1,1-Dichloroethene	4.045	96	179244m	22.474	ug/L	
13) Acetone	4.118	43	89895	40.836	ug/L	100
14) Carbon disulfide	4.392	76	639134	22.891	ug/L	100
15) Methyl Acetate	4.667	43	107979	24.766	ug/L	98
16) Methylene chloride	4.923	84	223173	20.024	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	199677	23.768	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	314602	26.022	ug/L	99
19) 1,1-Dichloroethane	6.215	63	410172	23.957	ug/L	99
20) cis-1,2-Dichloroethene	7.172	96	216804	24.603	ug/L	95
22) 2-Butanone	7.166	43	137812	49.375	ug/L	99
23) Bromochloromethane	7.514	128	90677	24.779	ug/L	98
25) Chloroform	7.672	83	382728	24.338	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	278517	25.877	ug/L	99
29) Cyclohexane	7.959	56	380080	22.887	ug/L	99
30) 1,1,1-Trichloroethane	7.867	97	300857	23.148	ug/L	98
31) Carbon tetrachloride	8.069	117	270249	22.918	ug/L	100
33) Benzene	8.325	78	879464	24.141	ug/L	100
34) Trichloroethene	9.093	95	218399	23.210	ug/L	96
35) Methylcyclohexane	9.337	83	384737	23.005	ug/L	99
37) 1,2-Dichloropropane	9.367	63	236155	24.049	ug/L	99
38) Bromodichloromethane	9.641	83	273429	24.635	ug/L	98
39) cis-1,3-Dichloropropene	10.074	75	342929	24.387	ug/L	100
40) 4-Methyl-2-pentanone	10.208	43	305869	51.641	ug/L	100
42) Toluene	10.385	91	899197	24.194	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	287496	24.886	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	155099	24.376	ug/L	98
46) Tetrachloroethene	10.861	164	151959	22.804	ug/L	95
48) 2-Hexanone	10.964	43	211208	50.638	ug/L	99
49) Dibromochloromethane	11.129	129	163619	24.827	ug/L	95
50) 1,2-Dibromoethane	11.233	107	143969	24.665	ug/L	98
51) Chlorobenzene	11.653	112	545225	23.838	ug/L	98
52) Ethylbenzene	11.726	91	1030308	24.721	ug/L	99
53) m,p-Xylene	11.836	106	376100	24.445	ug/L	99
54) o-Xylene	12.165	106	364274	25.392	ug/L	94
55) Styrene	12.178	104	627876	25.817	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	192431	24.694	ug/L	95
59) Bromoform	12.348	173	91849	24.245	ug/L	97
60) Isopropylbenzene	12.464	105	995143	23.698	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	143647	24.157	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	813241	24.631	ug/L	97
63) 1,2,4-Trimethylbenzene	13.244	105	735966	24.677	ug/L	99
64) 1,3-Dichlorobenzene	13.494	146	410563	23.167	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	428954	23.874	ug/L	94
67) 1,2-Dichlorobenzene	13.866	146	370847	23.719	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.482	75	32056	23.547	ug/L #	88
69) 1,3,5-Trichlorobenzene	14.622	180	259706	22.525	ug/L	98
70) 1,2,4-trichlorobenzene	15.128	180	224135	22.767	ug/L	96
71) Naphthalene	15.360	128	450455	25.618	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	205900	23.695	ug/L	99

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

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