

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062822\
 Data File : VW023533.D
 Acq On : 28 Jun 2022 15:36
 Operator : SY/VA
 Sample : VSTDCCC025EC
 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 06/29/2022
 Supervised By : Mahesh Dadoda 06/30/2022

Quant Time: Jun 29 02:16:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062822SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 29 02:13:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	355186	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	332622	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	179876	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	98922	21.634	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.520%
7) Chloroethane-d5	2.879	69	79687	23.065	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.240%
11) 1,1-Dichloroethene-d2	4.019	63	150953	21.045	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.200%
21) 2-Butanone-d5	7.074	46	50625	46.521	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.040%
24) Chloroform-d	7.647	84	217071	23.802	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	8.305	65	114251	23.797	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	8.269	84	388818	23.644	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.560%
36) 1,2-Dichloropropane-d6	9.274	67	121594	24.800	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.200%
41) Toluene-d8	10.323	98	396830	24.688	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.760%
43) trans-1,3-Dichloroprop...	10.579	79	53827	24.254	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.000%
47) 2-Hexanone-d5	10.921	63	41873	52.747	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.500%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	115924	25.670	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	150947	24.155	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	56168m	32.304	ug/L	
3) Chloromethane	2.209	50	130471	30.098	ug/L	95
5) Vinyl chloride	2.355	62	176876	26.955	ug/L	96
6) Bromomethane	2.770	94	94615	25.362	ug/L	100
8) Chloroethane	2.916	64	90786	26.396	ug/L	94
9) Trichlorofluoromethane	3.257	101	65565	19.074	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	106718	22.687	ug/L	100
12) 1,1-Dichloroethene	4.044	96	93606	23.007	ug/L	99
13) Acetone	4.129	43	31204	40.942	ug/L	97
14) Carbon disulfide	4.379	76	307292	24.075	ug/L	99
15) Methyl Acetate	4.672	43	42573	23.881	ug/L	98
16) Methylene chloride	4.915	84	109968	20.717	ug/L	95
17) trans-1,2-Dichloroethene	5.415	96	112226	23.459	ug/L	94
18) Methyl tert-butyl Ether	5.421	73	166956	24.414	ug/L	98
19) 1,1-Dichloroethane	6.214	63	196889	24.417	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	121261	24.066	ug/L	89
22) 2-Butanone	7.165	43	57425	44.147	ug/L	95
23) Bromochloromethane	7.506	128	54760	22.972	ug/L	95
25) Chloroform	7.671	83	215189	23.691	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	144225	24.694	ug/L	100
29) Cyclohexane	7.952	56	164486	24.295	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	179340	22.851	ug/L	98
31) Carbon tetrachloride	8.067	117	163913	22.743	ug/L	98
33) Benzene	8.323	78	468689	24.553	ug/L	100
34) Trichloroethene	9.092	95	123919	23.563	ug/L	94
35) Methylcyclohexane	9.335	83	201024	24.030	ug/L	98
37) 1,2-Dichloropropane	9.366	63	111545	24.574	ug/L	100
38) Bromodichloromethane	9.646	83	162540	25.000	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	173191	24.885	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	129688	50.841	ug/L	99
42) Toluene	10.384	91	526128	25.052	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	155165	25.253	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	91502	24.738	ug/L	97
46) Tetrachloroethene	10.860	164	94298	22.716	ug/L	99
48) 2-Hexanone	10.969	43	87553	50.607	ug/L	98
49) Dibromochloromethane	11.128	129	113997	25.279	ug/L	97
50) 1,2-Dibromoethane	11.231	107	89084	24.760	ug/L	93
51) Chlorobenzene	11.658	112	340547	23.884	ug/L	98
52) Ethylbenzene	11.731	91	587468	25.112	ug/L	99
53) m,p-Xylene	11.835	106	230183	24.895	ug/L	90
54) o-Xylene	12.164	106	222226	25.853	ug/L	98
55) Styrene	12.176	104	390314	26.223	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	112712	25.256	ug/L	98
59) Bromoform	12.347	173	58133	23.198	ug/L	97
60) Isopropylbenzene	12.463	105	600532	24.398	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	77790	23.307	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	506455	25.103	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	500367	25.138	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	273048	24.096	ug/L	95
65) 1,4-Dichlorobenzene	13.572	146	269793	23.191	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	253458	24.808	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	16847	21.984	ug/L #	73
69) 1,3,5-Trichlorobenzene	14.627	180	173728	23.406	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	141009	24.619	ug/L	97
71) Naphthalene	15.359	128	289177	26.612	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	127524	25.755	ug/L	98

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

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