

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061722\
 Data File : VW023489.D
 Acq On : 17 Jun 2022 09:20
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025574

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/20/2022
 Supervised By : Mahesh Dadoda 06/20/2022

Quant Time: Jun 17 23:25:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 15 02:14:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	367845	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	353795	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	198593	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	123726	21.17	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	84.68%		
7) Chloroethane-d5	2.879	69	95188	22.16	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.64%		
11) 1,1-Dichloroethene-d2	4.019	63	184444	22.61	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	90.44%		
21) 2-Butanone-d5	7.074	46	58617	49.13	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	98.26%		
24) Chloroform-d	7.653	84	252869	24.97	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	99.88%		
26) 1,2-Dichloroethane-d4	8.305	65	126223	23.15	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	92.60%		
32) Benzene-d6	8.275	84	439463	23.43	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	93.72%		
36) 1,2-Dichloropropane-d6	9.275	67	134476	24.33	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	97.32%		
41) Toluene-d8	10.323	98	431503	23.55	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	94.20%		
43) trans-1,3-Dichloroprop...	10.579	79	58831	23.32	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	93.28%		
47) 2-Hexanone-d5	10.921	63	46184	52.30	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	104.60%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	124230	24.07	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	96.28%		
66) 1,2-Dichlorobenzene-d4	13.853	152	166912	23.28	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	93.12%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	40837	30.45	ug/L	95
3) Chloromethane	2.215	50	115985	26.14	ug/L	100
5) Vinyl chloride	2.361	62	175223	25.34	ug/L	99
6) Bromomethane	2.776	94	83500	21.34	ug/L	93
8) Chloroethane	2.922	64	85503	23.34	ug/L	96
9) Trichlorofluoromethane	3.257	101	82813	26.55	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	122174	27.17	ug/L	97
12) 1,1-Dichloroethene	4.038	96	103896	25.94	ug/L	97
13) Acetone	4.123	43	38228	44.47	ug/L	98
14) Carbon disulfide	4.385	76	291875	23.69	ug/L	99
15) Methyl Acetate	4.672	43	46022m	23.98	ug/L	
16) Methylene chloride	4.922	84	120376	24.18	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	120631	25.44	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	181777	25.47	ug/L	98
19) 1,1-Dichloroethane	6.220	63	217918	25.65	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	131039	25.27	ug/L #	96
22) 2-Butanone	7.171	43	60064	45.65	ug/L	100
23) Bromochloromethane	7.513	128	61150	25.59	ug/L	98
25) Chloroform	7.677	83	244931	25.55	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	152574	24.07	ug/L	99
29) Cyclohexane	7.958	56	177505	24.91	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	211975	25.88	ug/L	99
31) Carbon tetrachloride	8.074	117	192051	25.46	ug/L	100
33) Benzene	8.323	78	517638	25.33	ug/L	100
34) Trichloroethene	9.092	95	134240	24.51	ug/L	97
35) Methylcyclohexane	9.335	83	218590	24.65	ug/L	98
37) 1,2-Dichloropropane	9.372	63	124841	25.00	ug/L	99
38) Bromodichloromethane	9.646	83	180096	25.64	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	194706	25.44	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	136331	47.86	ug/L	99
42) Toluene	10.384	91	580156	25.41	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	175674	25.44	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	100684	24.54	ug/L	97
46) Tetrachloroethene	10.866	164	103671	24.51	ug/L	87
48) 2-Hexanone	10.969	43	94598	49.14	ug/L	96
49) Dibromochloromethane	11.128	129	125233	26.06	ug/L	99
50) 1,2-Dibromoethane	11.238	107	95633	24.94	ug/L	95
51) Chlorobenzene	11.658	112	388840	25.23	ug/L	99
52) Ethylbenzene	11.731	91	658907	25.39	ug/L	100
53) m,p-Xylene	11.841	106	262465	25.99	ug/L	96
54) o-Xylene	12.164	106	251355	26.04	ug/L	100
55) Styrene	12.176	104	432637	25.78	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	119841	24.05	ug/L	99
59) Bromoform	12.347	173	67546	23.93	ug/L	98
60) Isopropylbenzene	12.463	105	686063	24.13	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	85954	22.75	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	574010	24.69	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	581730	25.00	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	311805	24.73	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	312167	24.24	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	284420	24.62	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	18057	21.64	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	205362	24.92	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	155639	24.26	ug/L	100
71) Naphthalene	15.365	128	305129	24.17	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	139537	25.02	ug/L	97

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

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