

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062422\
 Data File : VW023513.D
 Acq On : 24 Jun 2022 09:58
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025580

Quant Time: Jun 24 23:24:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 23 01:21:32 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/25/2022
 Supervised By :Mahesh Dadoda 06/30/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	378910	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	363470	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	202744	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	106936	17.764	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.040%
7) Chloroethane-d5	2.885	69	83396	18.846	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.400%
11) 1,1-Dichloroethene-d2	4.019	63	174895	20.815	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.240%
21) 2-Butanone-d5	7.080	46	59225	48.187	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.380%
24) Chloroform-d	7.647	84	235244	22.553	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	8.305	65	118750	21.139	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.560%
32) Benzene-d6	8.275	84	407954	21.168	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.680%
36) 1,2-Dichloropropane-d6	9.275	67	125316	22.071	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.280%
41) Toluene-d8	10.323	98	401065	21.306	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.240%
43) trans-1,3-Dichloroprop...	10.579	79	56195	21.684	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.720%
47) 2-Hexanone-d5	10.927	63	48798	53.785	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.560%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	127155	23.978	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.920%
66) 1,2-Dichlorobenzene-d4	13.853	152	160436	21.921	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	34502	24.972	ug/L	94
3) Chloromethane	2.209	50	130002	28.446	ug/L	100
5) Vinyl chloride	2.355	62	182500	25.622	ug/L	96
6) Bromomethane	2.776	94	110948	27.521	ug/L	91
8) Chloroethane	2.916	64	86856	23.019	ug/L	99
9) Trichlorofluoromethane	3.257	101	89498	27.860	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	129707	28.006	ug/L #	73
12) 1,1-Dichloroethene	4.044	96	112206m	27.196	ug/L	
13) Acetone	4.129	43	40834	46.114	ug/L	100
14) Carbon disulfide	4.379	76	292018	23.008	ug/L	99
15) Methyl Acetate	4.672	43	48878	24.723	ug/L	98
16) Methylene chloride	4.916	84	126825	24.731	ug/L	95
17) trans-1,2-Dichloroethene	5.422	96	126142	25.823	ug/L	97
18) Methyl tert-butyl Ether	5.422	73	200687	27.296	ug/L	99
19) 1,1-Dichloroethane	6.214	63	230112	26.299	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	143565	26.874	ug/L	99
22) 2-Butanone	7.171	43	67954	50.136	ug/L	98
23) Bromochloromethane	7.513	128	64752	26.311	ug/L	98
25) Chloroform	7.677	83	260837	26.416	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	162446	24.875	ug/L	98
29) Cyclohexane	7.958	56	186319	25.451	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	220592	26.219	ug/L	99
31) Carbon tetrachloride	8.067	117	203291	26.228	ug/L	99
33) Benzene	8.323	78	534023	25.434	ug/L	100
34) Trichloroethene	9.092	95	143989	25.585	ug/L	94
35) Methylcyclohexane	9.335	83	225950	24.799	ug/L	97
37) 1,2-Dichloropropane	9.372	63	131510	25.630	ug/L	98
38) Bromodichloromethane	9.646	83	193236	26.776	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	208758	26.549	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	153048	52.295	ug/L	98
42) Toluene	10.384	91	608647	25.945	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	187083	26.368	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	108286	25.691	ug/L	98
46) Tetrachloroethene	10.866	164	113764	26.185	ug/L	81
48) 2-Hexanone	10.969	43	104749	52.961	ug/L	99
49) Dibromochloromethane	11.128	129	135505	27.451	ug/L	100
50) 1,2-Dibromoethane	11.232	107	104505	26.524	ug/L	96
51) Chlorobenzene	11.658	112	410176	25.908	ug/L	99
52) Ethylbenzene	11.731	91	692039	25.956	ug/L	100
53) m,p-Xylene	11.841	106	275792	26.578	ug/L	96
54) o-Xylene	12.164	106	262246	26.446	ug/L	98
55) Styrene	12.176	104	459824	26.669	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	133037	25.991	ug/L	99
59) Bromoform	12.347	173	75103	26.060	ug/L	96
60) Isopropylbenzene	12.463	105	738577	25.450	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	94366	24.462	ug/L	100
62) 1,3,5-Trimethylbenzene	12.939	105	608552	25.640	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	598916	25.215	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	321795	24.995	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	335635	25.531	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	304769	25.845	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	20672	24.268	ug/L	88
69) 1,3,5-Trichlorobenzene	14.627	180	225522	26.808	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	178091	27.187	ug/L	99
71) Naphthalene	15.365	128	352460	27.352	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	154254	27.087	ug/L	99

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

