

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092220\
 Data File : VW016596.D
 Acq On : 21 Sep 2020 14:42
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025109

Quant Time: Sep 22 02:57:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM091820SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Sep 21 15:24:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	574486	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	500115	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	252521	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	161379	25.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.60%
7) Chloroethane-d5	2.90	69	130039	24.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.72%
11) 1,1-Dichloroethene-d2	4.03	63	328174	24.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.92%
21) 2-Butanone-d5	7.09	46	84782	58.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.84%
24) Chloroform-d	7.65	84	338279	24.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.96%
26) 1,2-Dichloroethane-d4	8.31	65	176379	25.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.08%
32) Benzene-d6	8.28	84	632756	24.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.08%
36) 1,2-Dichloropropane-d6	9.27	67	177581	25.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.12%
41) Toluene-d8	10.32	98	621765	24.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.80%
43) trans-1,3-Dichloropropene-	10.58	79	89243	26.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.76%
47) 2-Hexanone-d5	10.93	63	67856	61.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.76%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	159136	29.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.40%
66) 1,2-Dichlorobenzene-d4	13.85	152	233262	25.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.04%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.02	85	173687	25.074	ug/L	92
3) Chloromethane	2.23	50	127993	23.316	ug/L	99
5) Vinyl chloride	2.37	62	193310	24.565	ug/L	99
6) Bromomethane	2.79	94	141430	23.395	ug/L	99
8) Chloroethane	2.93	64	116082	24.816	ug/L	98
9) Trichlorofluoromethane	3.27	101	184778	24.757	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	4.07	101	183339	24.746	ug/L	97
12) 1,1-Dichloroethene	4.05	96	180993	24.425	ug/L	99
13) Acetone	4.14	43	53255	54.396	ug/L	75
14) Carbon disulfide	4.39	76	517665	23.525	ug/L	100
15) Methyl Acetate	4.68	43	66306	27.592	ug/L	97
16) Methylene chloride	4.93	84	178444	21.195	ug/L	96
17) trans-1,2-Dichloroethene	5.43	96	184223	23.963	ug/L	99
18) Methyl tert-butyl Ether	5.43	73	247585	26.218	ug/L	99
19) 1,1-Dichloroethane	6.23	63	298778	24.534	ug/L	98
20) cis-1,2-Dichloroethene	7.17	96	194510	24.340	ug/L	98
22) 2-Butanone	7.18	43	82260	49.419	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	93416	24.863	ug/L	94
25) Chloroform	7.68	83	325029	24.397	ug/L	97
27) 1,2-Dichloroethane	8.40	62	207823	25.123	ug/L	99
29) Cyclohexane	7.96	56	269982	24.180	ug/L	99
30) 1,1,1-Trichloroethane	7.88	97	301744	25.322	ug/L	99
31) Carbon tetrachloride	8.07	117	295753	25.486	ug/L	98
33) Benzene	8.33	78	680202	24.552	ug/L	100
34) Trichloroethene	9.10	95	197421	24.842	ug/L	98
35) Methylcyclohexane	9.34	83	333669	25.135	ug/L	100
37) 1,2-Dichloropropane	9.37	63	155945	24.686	ug/L	99
38) Bromodichloromethane	9.65	83	235482	25.136	ug/L	98
39) cis-1,3-Dichloropropene	10.07	75	268757	24.923	ug/L	99
40) 4-Methyl-2-pentanone	10.21	43	193597	54.695	ug/L	99
42) Toluene	10.39	91	763092	24.449	ug/L	99
44) trans-1,3-Dichloropropene	10.61	75	240699	26.025	ug/L	99
45) 1,1,2-Trichloroethane	10.79	97	134756	26.263	ug/L	97
46) Tetrachloroethene	10.87	164	179818	25.084	ug/L	96
48) 2-Hexanone	10.97	43	129618	58.893	ug/L	99
49) Dibromochloromethane	11.13	129	174816	25.957	ug/L	98
50) 1,2-Dibromoethane	11.24	107	134330	26.434	ug/L	99
51) Chlorobenzene	11.66	112	505931	24.444	ug/L	99
52) Ethylbenzene	11.73	91	877454	24.968	ug/L	99
53) m,p-Xylene	11.84	106	343724	25.107	ug/L	98
54) o-Xylene	12.17	106	320350	24.722	ug/L	91
55) Styrene	12.18	104	541998	25.121	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.71	83	152964	27.689	ug/L	98
59) Bromoform	12.35	173	107640	26.405	ug/L	100
60) Isopropylbenzene	12.46	105	907886	24.625	ug/L	100
61) 1,2,3-Trichloropropane	12.77	75	112964	27.146	ug/L	98
62) 1,3,5-Trimethylbenzene	12.94	105	742850	24.484	ug/L	98
63) 1,2,4-Trimethylbenzene	13.25	105	744948	24.704	ug/L	98
64) 1,3-Dichlorobenzene	13.50	146	427687	25.277	ug/L	96
65) 1,4-Dichlorobenzene	13.58	146	410551	24.740	ug/L	97
67) 1,2-Dichlorobenzene	13.87	146	377925	25.246	ug/L	96
68) 1,2-Dibromo-3-chloropropan	14.49	75	27086	27.691	ug/L	95
69) 1,3,5-Trichlorobenzene	14.63	180	328004	26.264	ug/L	98
70) 1,2,4-trichlorobenzene	15.13	180	274575	27.223	ug/L	97
71) Naphthalene	15.36	128	490047	28.952	ug/L	100
72) 1,2,3-Trichlorobenzene	15.56	180	226398	26.734	ug/L	96

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

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