

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092620\
 Data File : VW016656.D
 Acq On : 25 Sep 2020 16:05
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025112

Quant Time: Sep 26 00:15:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM091820SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 26 00:13:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	607122	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	547178	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	278785	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	179487	26.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.88%
7) Chloroethane-d5	2.90	69	151741	27.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.00%
11) 1,1-Dichloroethene-d2	4.03	63	378232	26.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	105.72%
21) 2-Butanone-d5	7.08	46	109026	71.09	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.18%#
24) Chloroform-d	7.65	84	425371	29.74	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	118.96%
26) 1,2-Dichloroethane-d4	8.31	65	225794	30.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	123.64%
32) Benzene-d6	8.27	84	791133	28.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.24%
36) 1,2-Dichloropropane-d6	9.27	67	223057	29.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.08%
41) Toluene-d8	10.32	98	774996	28.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.72%
43) trans-1,3-Dichloropropene-	10.58	79	111026	29.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	119.12%
47) 2-Hexanone-d5	10.93	63	88336	73.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	146.06%#
56) 1,1,2,2-Tetrachloroethane-	12.69	84	199765	33.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	133.56%#
66) 1,2-Dichlorobenzene-d4	13.85	152	307327	30.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	121.76%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.03	85	178123	24.332	ug/L	# 89
3) Chloromethane	2.23	50	137617	23.721	ug/L	96
5) Vinyl chloride	2.37	62	201085	24.180	ug/L	99
6) Bromomethane	2.79	94	143492	22.461	ug/L	100
8) Chloroethane	2.94	64	120075	24.289	ug/L	95
9) Trichlorofluoromethane	3.27	101	188636	23.915	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	4.08	101	201840	25.779	ug/L	97
12) 1,1-Dichloroethene	4.05	96	195448	24.958	ug/L	95
13) Acetone	4.12	43	60903	58.864	ug/L	97
14) Carbon disulfide	4.39	76	527570	22.686	ug/L	99
15) Methyl Acetate	4.67	43	71238	28.051	ug/L	99
16) Methylene chloride	4.92	84	193093	21.702	ug/L	95
17) trans-1,2-Dichloroethene	5.43	96	200645	24.696	ug/L	97
18) Methyl tert-butyl Ether	5.43	73	263287	26.382	ug/L	99
19) 1,1-Dichloroethane	6.23	63	319183	24.801	ug/L	99
20) cis-1,2-Dichloroethene	7.17	96	212272	25.135	ug/L	98
22) 2-Butanone	7.17	43	93450	53.124	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	101870	25.656	ug/L	94
25) Chloroform	7.68	83	358507	25.463	ug/L	100
27) 1,2-Dichloroethane	8.40	62	228184	26.102	ug/L	96
29) Cyclohexane	7.96	56	286062	23.417	ug/L	99
30) 1,1,1-Trichloroethane	7.88	97	322632	24.746	ug/L	99
31) Carbon tetrachloride	8.07	117	310021	24.418	ug/L	98
33) Benzene	8.33	78	742606	24.499	ug/L	100
34) Trichloroethene	9.10	95	210355	24.193	ug/L	98
35) Methylcyclohexane	9.34	83	354851	24.432	ug/L	99
37) 1,2-Dichloropropane	9.37	63	171075	24.752	ug/L	100
38) Bromodichloromethane	9.65	83	258262	25.197	ug/L	98
39) cis-1,3-Dichloropropene	10.07	75	300246	25.448	ug/L	97
40) 4-Methyl-2-pentanone	10.21	43	211013	54.488	ug/L	99
42) Toluene	10.39	91	846309	24.783	ug/L	100
44) trans-1,3-Dichloropropene	10.61	75	262705	25.961	ug/L	99
45) 1,1,2-Trichloroethane	10.79	97	149223	26.581	ug/L	98
46) Tetrachloroethene	10.87	164	196582	25.064	ug/L	92
48) 2-Hexanone	10.97	43	142891	59.339	ug/L	99
49) Dibromochloromethane	11.13	129	193182	26.217	ug/L	97
50) 1,2-Dibromoethane	11.24	107	149085	26.814	ug/L	97
51) Chlorobenzene	11.66	112	574587	25.373	ug/L	99
52) Ethylbenzene	11.73	91	974603	25.347	ug/L	98
53) m,p-Xylene	11.84	106	381445	25.466	ug/L	96
54) o-Xylene	12.17	106	360983	25.462	ug/L	100
55) Styrene	12.18	104	611157	25.890	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.71	83	170032	28.132	ug/L	94
59) Bromoform	12.35	173	114654	25.476	ug/L	99
60) Isopropylbenzene	12.46	105	995165	24.450	ug/L	100
61) 1,2,3-Trichloropropane	12.77	75	124339	27.065	ug/L	99
62) 1,3,5-Trimethylbenzene	12.94	105	844064	25.199	ug/L	99
63) 1,2,4-Trimethylbenzene	13.25	105	841083	25.264	ug/L	98
64) 1,3-Dichlorobenzene	13.50	146	468832	25.099	ug/L	98
65) 1,4-Dichlorobenzene	13.58	146	463796	25.316	ug/L	96
67) 1,2-Dichlorobenzene	13.87	146	420622	25.452	ug/L	99
68) 1,2-Dibromo-3-chloropropan	14.49	75	28459	26.354	ug/L	94
69) 1,3,5-Trichlorobenzene	14.63	180	336586	24.412	ug/L	96
70) 1,2,4-trichlorobenzene	15.13	180	302763	27.190	ug/L	97
71) Naphthalene	15.37	128	536441	28.707	ug/L	99
72) 1,2,3-Trichlorobenzene	15.56	180	256277	27.411	ug/L	97

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

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