

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091820\
 Data File : VW016578.D
 Acq On : 18 Sep 2020 10:58
 Operator : SY/VA
 Sample : VSTD025101
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025101

Quant Time: Sep 18 12:52:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM091820SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 18 12:48:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	592378	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	512830	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	248026	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	169883	25.67	ug/L	0.00
7) Chloroethane-d5	2.90	69	133221	24.52	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.03	63	343915	24.63	ug/L	0.00
21) 2-Butanone-d5	7.09	46	60282	40.29	ug/L	0.00
24) Chloroform-d	7.66	84	340721	24.41	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	167056	23.44	ug/L	0.00
32) Benzene-d6	8.28	84	649182	24.78	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.28	67	175505	24.36	ug/L	0.00
41) Toluene-d8	10.33	98	631403	24.71	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.58	79	83481	23.89	ug/L	0.00
47) 2-Hexanone-d5	10.93	63	49372	43.55	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.69	84	126788	22.61	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.85	152	219380	24.42	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.03	85	173268	24.258	ug/L 100
3) Chloromethane	2.23	50	132168	23.349	ug/L 100
5) Vinyl chloride	2.37	62	192923	23.776	ug/L 100
6) Bromomethane	2.79	94	145423	23.329	ug/L 100
8) Chloroethane	2.94	64	116512	24.155	ug/L 100
9) Trichlorofluoromethane	3.28	101	186890	24.284	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	4.08	101	188340	24.653	ug/L 100
12) 1,1-Dichloroethene	4.06	96	182955	23.939	ug/L 100
13) Acetone	4.15	43	41171	39.834	ug/L 100
14) Carbon disulfide	4.40	76	549926	24.236	ug/L 100
15) Methyl Acetate	4.69	43	50319	20.307	ug/L 100
16) Methylene chloride	4.93	84	179718	20.701	ug/L 100
17) trans-1,2-Dichloroethene	5.44	96	187661	23.673	ug/L 100
18) Methyl tert-butyl Ether	5.43	73	219657	22.558	ug/L 100
19) 1,1-Dichloroethane	6.23	63	300077	23.897	ug/L 100
20) cis-1,2-Dichloroethene	7.18	96	194456	23.599	ug/L 100
22) 2-Butanone	7.18	43	64855	37.786	ug/L 100
23) Bromochloromethane	7.52	128	87826	22.670	ug/L 100
25) Chloroform	7.68	83	326027	23.732	ug/L 100
27) 1,2-Dichloroethane	8.40	62	193362	22.669	ug/L 100
29) Cyclohexane	7.96	56	275821	24.091	ug/L 100
30) 1,1,1-Trichloroethane	7.88	97	301388	24.665	ug/L 100
31) Carbon tetrachloride	8.08	117	294134	24.718	ug/L 100
33) Benzene	8.33	78	689470	24.269	ug/L 100
34) Trichloroethene	9.10	95	199735	24.510	ug/L 100
35) Methylcyclohexane	9.34	83	333895	24.529	ug/L 100
37) 1,2-Dichloropropane	9.37	63	155229	23.963	ug/L 100
38) Bromodichloromethane	9.65	83	229973	23.940	ug/L 100
39) cis-1,3-Dichloropropene	10.08	75	262288	23.720	ug/L 100
40) 4-Methyl-2-pentanone	10.21	43	151011	41.606	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.39	91	782521	24.449	ug/L	100
44) trans-1,3-Dichloropropene	10.61	75	222923	23.506	ug/L	100
45) 1,1,2-Trichloroethane	10.79	97	119686	22.748	ug/L	100
46) Tetrachloroethene	10.87	164	176693	24.037	ug/L	100
48) 2-Hexanone	10.97	43	96161	41.979	ug/L	100
49) Dibromochloromethane	11.13	129	161422	23.374	ug/L	100
50) 1,2-Dibromoethane	11.24	107	119677	22.967	ug/L	100
51) Chlorobenzene	11.66	112	507936	23.932	ug/L	100
52) Ethylbenzene	11.73	91	885288	24.567	ug/L	100
53) m,p-Xylene	11.84	106	340443	24.251	ug/L	100
54) o-Xylene	12.17	106	328451	24.719	ug/L	100
55) Styrene	12.18	104	536399	24.245	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.72	83	124181	21.922	ug/L	100
59) Bromoform	12.35	173	89117	22.258	ug/L	100
60) Isopropylbenzene	12.47	105	893190	24.666	ug/L	100
61) 1,2,3-Trichloropropane	12.77	75	89038	21.784	ug/L	100
62) 1,3,5-Trimethylbenzene	12.94	105	745274	25.009	ug/L	100
63) 1,2,4-Trimethylbenzene	13.26	105	735889	24.846	ug/L	100
64) 1,3-Dichlorobenzene	13.50	146	404656	24.350	ug/L	100
65) 1,4-Dichlorobenzene	13.58	146	387570	23.778	ug/L	100
67) 1,2-Dichlorobenzene	13.87	146	352283	23.960	ug/L	100
68) 1,2-Dibromo-3-chloropropan	14.49	75	20383	21.216	ug/L	100
69) 1,3,5-Trichlorobenzene	14.63	180	298419	24.328	ug/L	100
70) 1,2,4-trichlorobenzene	15.14	180	241191	24.347	ug/L	100
71) Naphthalene	15.37	128	386400	23.242	ug/L	100
72) 1,2,3-Trichlorobenzene	15.55	180	208822	25.105	ug/L	100

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

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