

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122820\
 Data File : VW017759.D
 Acq On : 28 Dec 2020 12:12
 Operator : SY/VA
 Sample : VSTD05005
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050105

Quant Time: Dec 28 13:41:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM122820SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Dec 28 13:38:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	375231	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	355482	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	194868	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	250439	50.15	ug/L	0.00
7) Chloroethane-d5	2.89	69	225056	57.05	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.03	63	474344	46.94	ug/L	0.00
21) 2-Butanone-d5	7.07	46	121530	98.80	ug/L	0.00
24) Chloroform-d	7.65	84	498770	48.96	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	275259	50.32	ug/L	0.00
32) Benzene-d6	8.27	84	951305	47.77	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.27	67	273610	47.92	ug/L	0.00
41) Toluene-d8	10.32	98	916805	49.90	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.58	79	139469	52.36	ug/L	0.00
47) 2-Hexanone-d5	10.93	63	90348	109.21	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.69	84	246075	52.28	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.85	152	339728	47.11	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	196555	61.815	ug/L 97
3) Chloromethane	2.21	50	174272	54.730	ug/L 98
5) Vinyl chloride	2.37	62	296662	61.992	ug/L 99
6) Bromomethane	2.78	94	252312	75.298	ug/L 99
8) Chloroethane	2.92	64	198304	65.239	ug/L 98
9) Trichlorofluoromethane	3.26	101	220190	50.285	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	4.07	101	237520	47.621	ug/L 98
12) 1,1-Dichloroethene	4.05	96	232738	48.942	ug/L 94
13) Acetone	4.12	43	85754	88.270	ug/L 97
14) Carbon disulfide	4.39	76	713882	52.627	ug/L 99
15) Methyl Acetate	4.67	43	101670	51.072	ug/L 98
16) Methylene chloride	4.92	84	239390	43.270	ug/L 99
17) trans-1,2-Dichloroethene	5.43	96	256722	51.458	ug/L 98
18) Methyl tert-butyl Ether	5.43	73	323764	54.892	ug/L 99
19) 1,1-Dichloroethane	6.21	63	446367	51.683	ug/L 95
20) cis-1,2-Dichloroethene	7.17	96	275054	51.666	ug/L 97
22) 2-Butanone	7.17	43	137957	94.135	ug/L 99
23) Bromochloromethane	7.52	128	125677	50.895	ug/L 96
25) Chloroform	7.68	83	477346	51.847	ug/L 97
27) 1,2-Dichloroethane	8.40	62	333971	55.947	ug/L 100
29) Cyclohexane	7.96	56	413204	53.942	ug/L 98
30) 1,1,1-Trichloroethane	7.87	97	405114	50.919	ug/L 99
31) Carbon tetrachloride	8.07	117	393863	51.114	ug/L 99
33) Benzene	8.32	78	1030313	51.592	ug/L 100
34) Trichloroethene	9.09	95	281482	51.137	ug/L 99
35) Methylcyclohexane	9.34	83	484019	53.933	ug/L 99
37) 1,2-Dichloropropane	9.37	63	250513	51.540	ug/L 99
38) Bromodichloromethane	9.65	83	359265	52.711	ug/L 100
39) cis-1,3-Dichloropropene	10.07	75	425298	54.868	ug/L 98
40) 4-Methyl-2-pentanone	10.21	43	300900	108.634	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.39	91	1178833	54.353	ug/L	100
44) trans-1,3-Dichloropropene	10.60	75	390584	56.178	ug/L	99
45) 1,1,2-Trichloroethane	10.79	97	202172	52.429	ug/L	99
46) Tetrachloroethene	10.86	164	219506	48.491	ug/L	92
48) 2-Hexanone	10.97	43	216356	115.128	ug/L	95
49) Dibromochloromethane	11.13	129	254321	53.512	ug/L	96
50) 1,2-Dibromoethane	11.24	107	201407	53.422	ug/L	99
51) Chlorobenzene	11.66	112	747963	52.438	ug/L	100
52) Ethylbenzene	11.73	91	1346438	55.020	ug/L	99
53) m,p-Xylene	11.84	106	527682	56.538	ug/L	92
54) o-Xylene	12.16	106	505005	57.137	ug/L	98
55) Styrene	12.18	104	902643	59.790	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.71	83	245474	54.081	ug/L	97
59) Bromoform	12.35	173	147414	49.115	ug/L #	98
60) Isopropylbenzene	12.46	105	1412516	53.883	ug/L	99
61) 1,2,3-Trichloropropane	12.77	75	181631	49.476	ug/L	99
62) 1,3,5-Trimethylbenzene	12.94	105	1166007	54.535	ug/L	98
63) 1,2,4-Trimethylbenzene	13.25	105	1158702	54.770	ug/L	99
64) 1,3-Dichlorobenzene	13.50	146	601058	48.914	ug/L	99
65) 1,4-Dichlorobenzene	13.58	146	586564	47.066	ug/L	89
67) 1,2-Dichlorobenzene	13.87	146	534697	47.834	ug/L #	93
68) 1,2-Dibromo-3-chloropropan	14.48	75	43634	52.018	ug/L	85
69) 1,3,5-Trichlorobenzene	14.63	180	410885	46.701	ug/L	99
70) 1,2,4-trichlorobenzene	15.13	180	340875	45.782	ug/L	96
71) Naphthalene	15.36	128	767651	58.595	ug/L	99
72) 1,2,3-Trichlorobenzene	15.55	180	309822	47.911	ug/L	99

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

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