

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122820\
 Data File : VW017756.D
 Acq On : 28 Dec 2020 11:01
 Operator : SY/VA
 Sample : VSTD2.502
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5102

Manual Integrations
 APPROVED

MMDadoda
 12/29/2020 11:33:58 AM

Quant Time: Dec 28 13:50:07 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	8.85	114	403377	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	358830	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	184396	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	18845	3.51	ug/L	0.00
7) Chloroethane-d5	2.90	69	15390	3.63	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.03	63	32028	2.95	ug/L	0.00
21) 2-Butanone-d5	7.09	46	7379m	5.58	ug/L	0.02
24) Chloroform-d	7.65	84	30367	2.77	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	16595	2.82	ug/L	0.00
32) Benzene-d6	8.28	84	57196	2.85	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.28	67	16596	2.88	ug/L	0.00
41) Toluene-d8	10.32	98	54160	2.92	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.58	79	7557	2.81	ug/L	0.00
47) 2-Hexanone-d5	10.93	63	4928	5.90	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.69	84	13671	2.88	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.85	152	16213	2.38	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.03	85	13300	3.891	ug/L 97
3) Chloromethane	2.22	50	11958	3.493	ug/L 95
5) Vinyl chloride	2.37	62	18661	3.627	ug/L 99
6) Bromomethane	2.78	94	17500	4.858	ug/L 93
8) Chloroethane	2.93	64	12273	3.756	ug/L 95
9) Trichlorofluoromethane	3.27	101	11614	2.467	ug/L # 64
10) 1,1,2-Trichloro-1,2,2-trif	4.07	101	13792	2.572	ug/L 97
12) 1,1-Dichloroethene	4.06	96	12664	2.477	ug/L 86
13) Acetone	4.15	43	5299	5.074	ug/L 96
14) Carbon disulfide	4.39	76	40537	2.780	ug/L 98
15) Methyl Acetate	4.68	43	6340m	2.963	ug/L
16) Methylene chloride	4.92	84	21646	3.640	ug/L 98
17) trans-1,2-Dichloroethene	5.43	96	14808	2.761	ug/L 95
18) Methyl tert-butyl Ether	5.43	73	19548	3.083	ug/L # 91
19) 1,1-Dichloroethane	6.23	63	25823	2.781	ug/L 95
20) cis-1,2-Dichloroethene	7.17	96	15900	2.778	ug/L 94
22) 2-Butanone	7.18	43	7811	4.958	ug/L 94
23) Bromochloromethane	7.52	128	6907	2.602	ug/L 96
25) Chloroform	7.68	83	26852	2.713	ug/L 97
27) 1,2-Dichloroethane	8.40	62	18310	2.853	ug/L 97
29) Cyclohexane	7.96	56	23748	3.071	ug/L 98
30) 1,1,1-Trichloroethane	7.87	97	22201	2.764	ug/L 98
31) Carbon tetrachloride	8.07	117	20793	2.673	ug/L 99
33) Benzene	8.33	78	57818	2.868	ug/L 100
34) Trichloroethene	9.09	95	15196	2.735	ug/L 94
35) Methylcyclohexane	9.34	83	25504	2.815	ug/L 98
37) 1,2-Dichloropropane	9.37	63	13568	2.765	ug/L 98
38) Bromodichloromethane	9.65	83	18872	2.743	ug/L 90
39) cis-1,3-Dichloropropene	10.07	75	20438	2.612	ug/L 99
40) 4-Methyl-2-pentanone	10.21	43	15905	5.689	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	10.39	91	62984	2.877	ug/L	96
44) trans-1,3-Dichloropropene	10.61	75	18321	2.611	ug/L	95
45) 1,1,2-Trichloroethane	10.79	97	10724	2.755	ug/L	99
46) Tetrachloroethene	10.87	164	11079	2.425	ug/L	86
48) 2-Hexanone	10.97	43	11221	5.915	ug/L	89
49) Dibromochloromethane	11.13	129	11850	2.470	ug/L	92
50) 1,2-Dibromoethane	11.24	107	9997	2.627	ug/L #	89
51) Chlorobenzene	11.66	112	39429	2.738	ug/L	92
52) Ethylbenzene	11.73	91	69166	2.800	ug/L	95
53) m,p-Xylene	11.84	106	25882	2.747	ug/L	91
54) o-Xylene	12.16	106	24548	2.751	ug/L	99
55) Styrene	12.18	104	39951	2.622	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.72	83	12627	2.756	ug/L	95
59) Bromoform	12.35	173	5681	2.000	ug/L #	85
60) Isopropylbenzene	12.46	105	66977	2.700	ug/L	98
61) 1,2,3-Trichloropropane	12.77	75	9765	2.811	ug/L	95
62) 1,3,5-Trimethylbenzene	12.94	105	54160	2.677	ug/L	100
63) 1,2,4-Trimethylbenzene	13.25	105	55471	2.771	ug/L	95
64) 1,3-Dichlorobenzene	13.50	146	29801	2.563	ug/L	92
65) 1,4-Dichlorobenzene	13.58	146	28874	2.448	ug/L	88
67) 1,2-Dichlorobenzene	13.87	146	28279	2.674	ug/L	96
68) 1,2-Dibromo-3-chloropropan	14.48	75	2174	2.739	ug/L	98
69) 1,3,5-Trichlorobenzene	14.63	180	20818	2.501	ug/L	97
70) 1,2,4-trichlorobenzene	15.13	180	17901	2.541	ug/L	98
71) Naphthalene	15.36	128	36662	2.957	ug/L	99
72) 1,2,3-Trichlorobenzene	15.55	180	16219	2.651	ug/L	98

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

