

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122920\
 Data File : VV019856.D
 Acq On : 29 Dec 2020 11:12
 Operator : SY/MD
 Sample : VSTD00163
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00163

Manual Integrations
 APPROVED

MMDadoda
 12/30/2020 6:35:32 PM

Quant Time: Dec 29 12:23:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR122920WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 29 12:12:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	286462	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	266873	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.26	152	132063	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.30	65	21227	1.71	ug/L	0.00
7) Chloroethane-d5	1.56	69	18151	1.85	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.11	63	45426	1.90	ug/L	0.00
20) 2-Butanone-d5	3.97	46	43471m	16.90	ug/L	0.03
24) Chloroform-d	4.35	84	38874	1.39	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.05	65	20275	1.23	ug/L	0.00
32) Benzene-d6	5.06	84	76429	1.12	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.08	67	22949	1.17	ug/L	0.00
41) Toluene-d8	7.32	98	65615	1.01	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.63	79	7409	0.92	ug/L	0.00
46) 2-Hexanone-d5	8.10	63	28416	10.02	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.22	84	13742	0.98	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.63	152	21655	0.96	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.13	85	29261	1.065 ug/L	97
3) Chloromethane	1.24	50	32078	2.098 ug/L	100
5) Vinyl chloride	1.31	62	32005	2.064 ug/L	98
6) Bromomethane	1.52	94	18342	1.990 ug/L	95
8) Chloroethane	1.58	64	19861	2.298 ug/L	98
9) Trichlorofluoromethane	1.75	101	38459	1.439 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	20605	1.698 ug/L	96
12) 1,1-Dichloroethene	2.11	96	21608	1.913 ug/L	93
13) Acetone	2.24	43	32561m	19.491 ug/L	
14) Carbon disulfide	2.29	76	72272	1.312 ug/L	100
15) Methyl Acetate	2.46	43	7759m	1.372 ug/L	
16) Methylene chloride	2.50	84	26573	1.295 ug/L	99
17) Methyl tert-butyl Ether	2.78	73	50900	1.221 ug/L	99
18) trans-1,2-Dichloroethene	2.76	96	23780	1.195 ug/L	96
19) 1,1-Dichloroethane	3.19	63	44507	1.311 ug/L	97
21) 2-Butanone	4.04	43	53213m	18.331 ug/L	
22) cis-1,2-Dichloroethene	3.92	96	23732	1.127 ug/L	97
23) Bromochloromethane	4.25	128	9649	1.106 ug/L	97
25) Chloroform	4.38	83	44767	1.006 ug/L	97
27) 1,2-Dichloroethane	5.14	62	27224	1.341 ug/L	# 95
29) 1,1,1-Trichloroethane	4.61	97	37865	1.147 ug/L	98
30) Cyclohexane	4.68	56	38633	1.237 ug/L	100
31) Carbon tetrachloride	4.83	117	31322	1.111 ug/L	99
33) Benzene	5.11	78	94629	1.246 ug/L	100
34) Trichloroethene	5.92	95	25168	1.180 ug/L	89
35) Methylcyclohexane	6.13	83	37801	1.085 ug/L	99
37) 1,2-Dichloropropane	6.18	63	22955	1.255 ug/L	98
38) Bromodichloromethane	6.52	83	28257	1.135 ug/L	95
39) cis-1,3-Dichloropropene	7.04	75	31666	1.140 ug/L	98
40) 4-Methyl-2-pentanone	7.24	43	128410	14.164 ug/L	99

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

42) Toluene	7.40	91	93941	1.148	ug/L	97
44) trans-1,3-Dichloropropene	7.66	75	24406	1.096	ug/L	95
45) 1,1,2-Trichloroethane	7.85	97	15035	1.151	ug/L	99
47) Tetrachloroethene	7.98	164	17913	1.099	ug/L	99
48) 2-Hexanone	8.15	43	86011	13.255	ug/L	99
49) Dibromochloromethane	8.25	129	15414	0.950	ug/L	97
50) 1,2-Dibromoethane	8.36	107	13418	1.085	ug/L #	91
51) Chlorobenzene	8.89	112	60106	1.122	ug/L	99
52) Ethylbenzene	9.02	91	103137	1.115	ug/L	100
53) m,p-xylene	9.14	106	38191	1.088	ug/L	99
54) o-xylene	9.55	106	35238	1.042	ug/L	93
55) Styrene	9.57	104	57792	1.029	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.25	83	15078	1.029	ug/L	98
59) Bromoform	9.74	173	6864	0.848	ug/L #	98
60) Isopropylbenzene	9.94	105	99480	1.087	ug/L	98
61) 1,2,3-Trichloropropane	10.28	75	13294	1.232	ug/L	98
62) 1,3,5-Trimethylbenzene	10.55	105	80052	1.051	ug/L	99
63) 1,2,4-Trimethylbenzene	10.92	105	80075	1.062	ug/L	98
64) 1,3-Dichlorobenzene	11.19	146	43812	1.032	ug/L	98
65) 1,4-Dichlorobenzene	11.28	146	43972	1.056	ug/L	98
67) 1,2-Dichlorobenzene	11.65	146	41723	1.110	ug/L	94
68) 1,2-Dibromo-3-chloropropan	12.44	75	2455	0.991	ug/L	93
69) 1,3,5-Trichlorobenzene	12.66	180	33232	1.061	ug/L	97
70) 1,2,4-trichlorobenzene	13.27	180	24980	0.959	ug/L	99
71) Naphthalene	13.51	128	32387	0.744	ug/L	99
72) 1,2,3-Trichlorobenzene	13.76	180	20412	0.897	ug/L	94

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

