

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122920\
 Data File : VV019858.D
 Acq On : 29 Dec 2020 12:01
 Operator : SY/MD
 Sample : VSTD01065
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01065

Quant Time: Dec 29 12:29:49 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	289838	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	273780	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.26	152	138223	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.30	65	202574	16.14	ug/L	0.00
7) Chloroethane-d5	1.56	69	167187	16.80	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.10	63	410650	17.00	ug/L	0.00
20) 2-Butanone-d5	3.92	46	437953	168.26	ug/L	-0.02
24) Chloroform-d	4.35	84	378224	13.38	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.04	65	184153	11.07	ug/L	0.00
32) Benzene-d6	5.05	84	734968	10.49	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.07	67	216932	10.80	ug/L	0.00
41) Toluene-d8	7.32	98	652215	9.81	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.63	79	81169	9.86	ug/L	0.00
46) 2-Hexanone-d5	8.10	63	347727	119.53	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.22	84	141486	9.87	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.63	152	202655	8.57	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.13	85	263549	9.478 ug/L	99
3) Chloromethane	1.24	50	297027	19.197 ug/L	99
5) Vinyl chloride	1.31	62	288362	18.376 ug/L	99
6) Bromomethane	1.52	94	165383	17.736 ug/L	97
8) Chloroethane	1.58	64	174296	19.932 ug/L	100
9) Trichlorofluoromethane	1.75	101	347087	12.833 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	187453	15.270 ug/L	100
12) 1,1-Dichloroethene	2.11	96	189181	16.553 ug/L	97
13) Acetone	2.24	43	321942	190.469 ug/L	93
14) Carbon disulfide	2.29	76	670460	12.026 ug/L	99
15) Methyl Acetate	2.45	43	93593	16.362 ug/L	# 80
16) Methylene chloride	2.50	84	220884	10.638 ug/L	98
17) Methyl tert-butyl Ether	2.78	73	490151	11.625 ug/L	99
18) trans-1,2-Dichloroethene	2.76	96	217175	10.786 ug/L	99
19) 1,1-Dichloroethane	3.19	63	425157	12.375 ug/L	99
21) 2-Butanone	4.00	43	546011	185.900 ug/L	98
22) cis-1,2-Dichloroethene	3.91	96	231721	10.877 ug/L	97
23) Bromochloromethane	4.25	128	91423	10.355 ug/L	96
25) Chloroform	4.38	83	422632	9.388 ug/L	98
27) 1,2-Dichloroethane	5.14	62	263172	12.810 ug/L	98
29) 1,1,1-Trichloroethane	4.61	97	362812	10.712 ug/L	100
30) Cyclohexane	4.68	56	366470	11.437 ug/L	100
31) Carbon tetrachloride	4.83	117	297204	10.274 ug/L	98
33) Benzene	5.10	78	910311	11.683 ug/L	100
34) Trichloroethene	5.92	95	232133	10.605 ug/L	98
35) Methylcyclohexane	6.13	83	364529	10.199 ug/L	98
37) 1,2-Dichloropropane	6.18	63	227964	12.151 ug/L	99
38) Bromodichloromethane	6.51	83	284974	11.163 ug/L	98
39) cis-1,3-Dichloropropene	7.03	75	329503	11.560 ug/L	98
40) 4-Methyl-2-pentanone	7.23	43	1341821	144.278 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.39	91	929750	11.073	ug/L	99
44) trans-1,3-Dichloropropene	7.66	75	270848	11.858	ug/L	97
45) 1,1,2-Trichloroethane	7.85	97	145807	10.879	ug/L	98
47) Tetrachloroethene	7.98	164	157249	9.408	ug/L	99
48) 2-Hexanone	8.14	43	939173	141.083	ug/L	99
49) Dibromochloromethane	8.25	129	164349	9.870	ug/L	97
50) 1,2-Dibromoethane	8.36	107	134123	10.571	ug/L	97
51) Chlorobenzene	8.89	112	571183	10.398	ug/L	100
52) Ethylbenzene	9.02	91	1039157	10.947	ug/L	100
53) m,p-xylene	9.14	106	380497	10.563	ug/L	100
54) o-xylene	9.55	106	372439	10.730	ug/L	99
55) Styrene	9.57	104	637263	11.061	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.25	83	165418	11.002	ug/L	98
59) Bromoform	9.74	173	77475	9.140	ug/L	100
60) Isopropylbenzene	9.94	105	999120	10.433	ug/L	99
61) 1,2,3-Trichloropropane	10.28	75	129680	11.479	ug/L	100
62) 1,3,5-Trimethylbenzene	10.54	105	839768	10.532	ug/L	100
63) 1,2,4-Trimethylbenzene	10.92	105	859471	10.887	ug/L	99
64) 1,3-Dichlorobenzene	11.19	146	430845	9.694	ug/L	99
65) 1,4-Dichlorobenzene	11.28	146	425624	9.764	ug/L	98
67) 1,2-Dichlorobenzene	11.65	146	391197	9.941	ug/L	100
68) 1,2-Dibromo-3-chloropropan	12.44	75	28083	10.828	ug/L	98
69) 1,3,5-Trichlorobenzene	12.65	180	314664	9.596	ug/L	99
70) 1,2,4-trichlorobenzene	13.27	180	270691	9.932	ug/L	100
71) Naphthalene	13.51	128	455134	9.993	ug/L	99
72) 1,2,3-Trichlorobenzene	13.75	180	234639	9.856	ug/L	98

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