

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122920\
 Data File : VV019859.D
 Acq On : 29 Dec 2020 12:25
 Operator : SY/MD
 Sample : VSTD02066
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02066

Quant Time: Dec 29 12:48:01 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	309447	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	291158	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.26	152	150213	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.30	65	431534	32.21	ug/L	0.00
7) Chloroethane-d5	1.57	69	352123	33.14	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.11	63	875221	33.93	ug/L	0.00
20) 2-Butanone-d5	3.92	46	960884	345.78	ug/L	-0.02
24) Chloroform-d	4.35	84	802676	26.61	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.04	65	396652	22.34	ug/L	0.00
32) Benzene-d6	5.05	84	1567652	21.04	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.07	67	470091	22.01	ug/L	0.00
41) Toluene-d8	7.32	98	1401603	19.83	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.62	79	180106	20.56	ug/L	0.00
46) 2-Hexanone-d5	8.09	63	794686	256.87	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.22	84	307870	20.19	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.63	152	449890	17.50	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.13	85	544323	18.334	ug/L	100
3) Chloromethane	1.24	50	613259	37.125	ug/L	99
5) Vinyl chloride	1.31	62	604554	36.084	ug/L	97
6) Bromomethane	1.52	94	349682	35.123	ug/L	100
8) Chloroethane	1.58	64	362321	38.809	ug/L	99
9) Trichlorofluoromethane	1.75	101	721994	25.004	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	385267	29.396	ug/L	99
12) 1,1-Dichloroethene	2.11	96	401559	32.909	ug/L	91
13) Acetone	2.25	43	667092	369.659	ug/L	82
14) Carbon disulfide	2.29	76	1433714	24.087	ug/L	100
15) Methyl Acetate	2.45	43	201542	33.000	ug/L #	83
16) Methylene chloride	2.51	84	456989	20.614	ug/L	99
17) Methyl tert-butyl Ether	2.78	73	1042472	23.158	ug/L	99
18) trans-1,2-Dichloroethene	2.76	96	463976	21.584	ug/L	99
19) 1,1-Dichloroethane	3.19	63	904373	24.655	ug/L	99
21) 2-Butanone	4.00	43	1183963	377.559	ug/L	96
22) cis-1,2-Dichloroethene	3.91	96	495090	21.766	ug/L	99
23) Bromochloromethane	4.25	128	195685	20.761	ug/L	99
25) Chloroform	4.38	83	888283	18.482	ug/L	97
27) 1,2-Dichloroethane	5.14	62	551710	25.153	ug/L	98
29) 1,1,1-Trichloroethane	4.61	97	779986	21.655	ug/L	99
30) Cyclohexane	4.68	56	790234	23.191	ug/L	100
31) Carbon tetrachloride	4.83	117	647906	21.061	ug/L	99
33) Benzene	5.10	78	1917428	23.140	ug/L	100
34) Trichloroethene	5.92	95	498550	21.417	ug/L	98
35) Methylcyclohexane	6.14	83	781644	20.564	ug/L	97
37) 1,2-Dichloropropane	6.18	63	487975	24.457	ug/L	99
38) Bromodichloromethane	6.51	83	610793	22.497	ug/L	97
39) cis-1,3-Dichloropropene	7.03	75	722501	23.835	ug/L	97
40) 4-Methyl-2-pentanone	7.23	43	2823690	285.492	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.39	91	1990659	22.293	ug/L	100
44) trans-1,3-Dichloropropene	7.66	75	599576	24.683	ug/L	98
45) 1,1,2-Trichloroethane	7.84	97	305822	21.457	ug/L	97
47) Tetrachloroethene	7.98	164	338706	19.054	ug/L	100
48) 2-Hexanone	8.14	43	2002088	282.803	ug/L	100
49) Dibromochloromethane	8.25	129	361067	20.389	ug/L	99
50) 1,2-Dibromoethane	8.36	107	285720	21.175	ug/L	97
51) Chlorobenzene	8.88	112	1229066	21.039	ug/L	99
52) Ethylbenzene	9.02	91	2257535	22.362	ug/L	99
53) m,p-xylene	9.14	106	826348	21.572	ug/L	100
54) o-xylene	9.55	106	801373	21.710	ug/L	98
55) Styrene	9.57	104	1400282	22.853	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.25	83	354719	22.185	ug/L	99
59) Bromoform	9.74	173	172971	18.777	ug/L	99
60) Isopropylbenzene	9.94	105	2164376	20.796	ug/L	100
61) 1,2,3-Trichloropropane	10.28	75	273843	22.305	ug/L	100
62) 1,3,5-Trimethylbenzene	10.54	105	1857952	21.441	ug/L	100
63) 1,2,4-Trimethylbenzene	10.92	105	1907155	22.230	ug/L	99
64) 1,3-Dichlorobenzene	11.19	146	937393	19.407	ug/L	98
65) 1,4-Dichlorobenzene	11.28	146	924954	19.524	ug/L	98
67) 1,2-Dichlorobenzene	11.65	146	851319	19.906	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.44	75	63365	22.483	ug/L	97
69) 1,3,5-Trichlorobenzene	12.65	180	722387	20.272	ug/L	99
70) 1,2,4-trichlorobenzene	13.27	180	609835	20.590	ug/L	100
71) Naphthalene	13.51	128	1074137	21.702	ug/L	100
72) 1,2,3-Trichlorobenzene	13.75	180	529754	20.477	ug/L	99

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

