

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010521\
 Data File : VX020502.D
 Acq On : 05 Jan 2021 16:55
 Operator : JC/MD
 Sample : VSTD00564
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005304

Quant Time: Jan 06 04:39:02 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR010521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 06 04:37:23 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	158115	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.09	117	153845	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	80640	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	61257	5.76	ug/L	0.00
7) Chloroethane-d5	1.69	69	54533	6.07	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	124032	5.93	ug/L	0.00
20) 2-Butanone-d5	4.53	46	136323	59.05	ug/L	0.00
24) Chloroform-d	5.14	84	121841	6.03	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	60208	5.38	ug/L	0.00
32) Benzene-d6	6.04	84	254963	5.84	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	74560	6.00	ug/L	0.00
41) Toluene-d8	8.70	98	225177	5.34	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.99	79	26422	5.16	ug/L	0.00
46) 2-Hexanone-d5	9.43	63	127878	56.17	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	11.23	84	52936	5.66	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.36	152	77335	5.16	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	86669	6.257	ug/L 100
3) Chloromethane	1.31	50	73493	6.176	ug/L 100
5) Vinyl chloride	1.39	62	81040	6.080	ug/L 100
6) Bromomethane	1.63	94	45112	5.414	ug/L 100
8) Chloroethane	1.71	64	48111	5.975	ug/L 100
9) Trichlorofluoromethane	1.92	101	107793	5.713	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	61154	5.712	ug/L 100
12) 1,1-Dichloroethene	2.36	96	59581	5.719	ug/L 100
13) Acetone	2.42	43	83532	62.382	ug/L 100
14) Carbon disulfide	2.55	76	195998	5.948	ug/L 100
15) Methyl Acetate	2.75	43	22279	6.266	ug/L 100
16) Methylene chloride	2.83	84	66114	5.264	ug/L 100
17) Methyl tert-butyl Ether	3.17	73	132547	5.405	ug/L 100
18) trans-1,2-Dichloroethene	3.14	96	64471	5.831	ug/L 100
19) 1,1-Dichloroethane	3.67	63	114133	5.984	ug/L 100
21) 2-Butanone	4.63	43	138583	59.717	ug/L 100
22) cis-1,2-Dichloroethene	4.56	96	68522	5.810	ug/L 100
23) Bromochloromethane	4.98	128	29869	6.057	ug/L 100
25) Chloroform	5.17	83	120643	6.047	ug/L 100
27) 1,2-Dichloroethane	6.16	62	71177	5.801	ug/L 100
29) 1,1,1-Trichloroethane	5.46	97	103275	5.376	ug/L 100
30) Cyclohexane	5.54	56	97993	5.160	ug/L 100
31) Carbon tetrachloride	5.75	117	89545	5.437	ug/L 100
33) Benzene	6.11	78	277422	5.844	ug/L 100
34) Trichloroethene	7.18	95	68313	5.385	ug/L 100
35) Methylcyclohexane	7.44	83	106894	5.239	ug/L 100
37) 1,2-Dichloropropane	7.49	63	66425	5.925	ug/L 100
38) Bromodichloromethane	7.87	83	80529	5.598	ug/L 100
39) cis-1,3-Dichloropropene	8.42	75	88409	5.298	ug/L 100
40) 4-Methyl-2-pentanone	8.62	43	339388	57.573	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.76	91	290118	5.708	ug/L	100
44) trans-1,3-Dichloropropene	9.02	75	76680	5.461	ug/L	100
45) 1,1,2-Trichloroethane	9.20	97	46513	5.746	ug/L	100
47) Tetrachloroethene	9.32	164	57570	5.814	ug/L	100
48) 2-Hexanone	9.47	43	247155	59.444	ug/L	100
49) Dibromochloromethane	9.56	129	52895	5.658	ug/L	100
50) 1,2-Dibromoethane	9.65	107	43310	5.764	ug/L	100
51) Chlorobenzene	10.12	112	173523	5.445	ug/L	100
52) Ethylbenzene	10.23	91	297427	5.329	ug/L	100
53) m,p-xylene	10.34	106	115359	5.378	ug/L	100
54) o-xylene	10.68	106	107817	5.276	ug/L	100
55) Styrene	10.70	104	187691	5.556	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.25	83	52256	5.687	ug/L	100
59) Bromoform	10.84	173	27391	5.178	ug/L	100
60) Isopropylbenzene	11.00	105	288530	4.932	ug/L	100
61) 1,2,3-Trichloropropane	11.27	75	37794	5.231	ug/L	100
62) 1,3,5-Trimethylbenzene	11.49	105	233134	4.805	ug/L	100
63) 1,2,4-Trimethylbenzene	11.79	105	237693	4.826	ug/L	100
64) 1,3-Dichlorobenzene	12.01	146	136894	5.208	ug/L	100
65) 1,4-Dichlorobenzene	12.08	146	138547	5.236	ug/L	100
67) 1,2-Dichlorobenzene	12.37	146	125729	5.197	ug/L	100
68) 1,2-Dibromo-3-chloropropan	12.98	75	8015	4.935	ug/L	100
69) 1,3,5-Trichlorobenzene	13.15	180	101508	5.267	ug/L	100
70) 1,2,4-trichlorobenzene	13.63	180	83335	4.991	ug/L	100
71) Naphthalene	13.82	128	135712	4.641	ug/L	100
72) 1,2,3-Trichlorobenzene	14.00	180	77234	5.198	ug/L	100

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

