

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010521\
 Data File : VX020505.D
 Acq On : 05 Jan 2021 18:06
 Operator : JC/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV301

Quant Time: Jan 06 04:56:55 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR010521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 06 04:48:03 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	167596	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.09	117	165706	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	86957	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	63009	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	1.70	69	55332	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.34	63	127904	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.80%
20) 2-Butanone-d5	4.54	46	142044	48.62	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.24%
24) Chloroform-d	5.14	84	125511	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	6.03	65	61011	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	6.04	84	253514	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	7.37	67	75150	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	8.70	98	228599	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	8.99	79	27402	4.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.60%
46) 2-Hexanone-d5	9.43	63	134509	52.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.68%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	56543	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
66) 1,2-Dichlorobenzene-d4	12.36	152	81670	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	90139	4.962	ug/L 100
3) Chloromethane	1.31	50	78363	4.947	ug/L 99
5) Vinyl chloride	1.39	62	85880	4.992	ug/L 99
6) Bromomethane	1.64	94	50458	5.435	ug/L 94
8) Chloroethane	1.72	64	50468	4.944	ug/L 96
9) Trichlorofluoromethane	1.92	101	111016	5.030	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	63695	5.018	ug/L 99
12) 1,1-Dichloroethene	2.36	96	62541	5.058	ug/L 98
13) Acetone	2.43	43	84765	50.094	ug/L 100
14) Carbon disulfide	2.55	76	210774	5.034	ug/L 98
15) Methyl Acetate	2.75	43	22897	4.794	ug/L 100
16) Methylene chloride	2.83	84	69935	4.553	ug/L 98
17) Methyl tert-butyl Ether	3.17	73	143911	5.105	ug/L 100
18) trans-1,2-Dichloroethene	3.14	96	69717	5.074	ug/L 97
19) 1,1-Dichloroethane	3.67	63	121790	4.987	ug/L 98
21) 2-Butanone	4.65	43	143464	49.682	ug/L 100
22) cis-1,2-Dichloroethene	4.56	96	72682	5.058	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	31962	5.011	ug/L	97
25) Chloroform	5.18	83	125744	4.885	ug/L	98
27) 1,2-Dichloroethane	6.16	62	74415	5.039	ug/L	98
29) 1,1,1-Trichloroethane	5.46	97	111043	5.056	ug/L	99
30) Cyclohexane	5.54	56	107379	5.171	ug/L	99
31) Carbon tetrachloride	5.75	117	93921	4.984	ug/L	99
33) Benzene	6.11	78	285918	5.052	ug/L	100
34) Trichloroethene	7.18	95	73303	5.002	ug/L	98
35) Methylcyclohexane	7.44	83	112645	5.093	ug/L	98
37) 1,2-Dichloropropane	7.49	63	68557	4.910	ug/L	99
38) Bromodichloromethane	7.87	83	83840	4.914	ug/L	100
39) cis-1,3-Dichloropropene	8.42	75	94548	4.996	ug/L	99
40) 4-Methyl-2-pentanone	8.62	43	346884	50.751	ug/L	100
42) Toluene	8.76	91	307214	5.217	ug/L	99
44) trans-1,3-Dichloropropene	9.02	75	80266	5.046	ug/L	97
45) 1,1,2-Trichloroethane	9.20	97	50071	5.083	ug/L	98
47) Tetrachloroethene	9.32	164	60547	5.094	ug/L	97
48) 2-Hexanone	9.47	43	260773	55.321	ug/L	99
49) Dibromochloromethane	9.56	129	52847	4.937	ug/L	97
50) 1,2-Dibromoethane	9.65	107	44652	5.053	ug/L	99
51) Chlorobenzene	10.12	112	191283	5.185	ug/L	99
52) Ethylbenzene	10.23	91	330110	5.388	ug/L	100
53) m,p-xylene	10.34	106	127705	5.482	ug/L	94
54) o-xylene	10.68	106	116876	5.267	ug/L	97
55) Styrene	10.70	104	197943	5.311	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.25	83	56261	5.122	ug/L	100
59) Bromoform	10.84	173	28937	4.820	ug/L	97
60) Isopropylbenzene	11.00	105	316811	5.262	ug/L	100
61) 1,2,3-Trichloropropane	11.27	75	41621	4.961	ug/L	100
62) 1,3,5-Trimethylbenzene	11.49	105	262410	5.409	ug/L	100
63) 1,2,4-Trimethylbenzene	11.79	105	268865	5.541	ug/L	100
64) 1,3-Dichlorobenzene	12.01	146	150198	5.163	ug/L	97
65) 1,4-Dichlorobenzene	12.08	146	151213	5.145	ug/L	96
67) 1,2-Dichlorobenzene	12.37	146	139907	5.161	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.98	75	8506	4.723	ug/L	96
69) 1,3,5-Trichlorobenzene	13.15	180	112894	5.106	ug/L	98
70) 1,2,4-trichlorobenzene	13.63	180	97137	5.510	ug/L	98
71) Naphthalene	13.82	128	160662	5.552	ug/L	99
72) 1,2,3-Trichlorobenzene	14.00	180	86232	5.286	ug/L	97

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

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