

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032720\
 Data File : VX015368.D
 Acq On : 26 Mar 2020 20:39
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
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apatel
 3/27/2020 5:16:13 PM

Quant Time: Mar 27 09:15:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 08:55:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	912543	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1603112	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1507006	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	781882	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	706377	59.40	ug/l	0.00
Spiked Amount			Recovery	=	118.80%	
35) Dibromofluoromethane	5.47	113	510498	48.81	ug/l	0.00
Spiked Amount			Recovery	=	97.62%	
50) Toluene-d8	8.70	98	1799939	47.32	ug/l	0.00
Spiked Amount			Recovery	=	94.64%	
62) 4-Bromofluorobenzene	11.12	95	742092	50.52	ug/l	0.00
Spiked Amount			Recovery	=	101.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	326492	34.196	ug/l	100
3) Chloromethane	1.31	50	552088	49.666	ug/l	100
4) Vinyl Chloride	1.39	62	445133	41.208	ug/l	100
5) Bromomethane	1.62	94	244080	58.485	ug/l	100
6) Chloroethane	1.70	64	291541	43.171	ug/l	100
7) Trichlorofluoromethane	1.91	101	535080	37.338	ug/l	100
8) Diethyl Ether	2.17	74	291777	47.296	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	331442	30.813	ug/l	100
10) Methyl Iodide	2.49	142	659794	54.826	ug/l	100
11) Tert butyl alcohol	3.01	59	862426	352.664	ug/l	100
12) 1,1-Dichloroethene	2.36	96	413190	36.610	ug/l	100
13) Acrolein	2.27	56	483230	224.269	ug/l	100
14) Allyl chloride	2.70	41	1094536	60.562	ug/l	100
15) Acrylonitrile	3.12	53	1725859	290.000	ug/l	100
16) Acetone	2.42	43	1588602	313.106	ug/l	100
17) Carbon Disulfide	2.55	76	1274057	41.748	ug/l	100
18) Methyl Acetate	2.75	43	823143	64.448	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1932195	56.389	ug/l	100
20) Methylene Chloride	2.83	84	563270	42.133	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	495688	40.355	ug/l	100
22) Diisopropyl ether	3.83	45	2040972	57.362	ug/l	100
23) Vinyl Acetate	3.79	43	9548716	327.411	ug/l	100
24) 1,1-Dichloroethane	3.67	63	998571	47.272	ug/l	100
25) 2-Butanone	4.64	43	2589426	334.474	ug/l	100
26) 2,2-Dichloropropane	4.56	77	774180	47.040	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	608706	44.851	ug/l	100
28) Bromochloromethane	4.98	49	517028	57.795	ug/l	100
29) Tetrahydrofuran	5.09	42	1670049	332.583	ug/l	100
30) Chloroform	5.19	83	995066	46.739	ug/l	100
31) Cyclohexane	5.55	56	675519	41.183	ug/l	100
32) 1,1,1-Trichloroethane	5.47	97	818613	46.993	ug/l	100
36) 1,1-Dichloropropene	5.77	75	649511	43.598	ug/l	100
37) Ethyl Acetate	4.80	43	1025480	68.669	ug/l	100
38) Carbon Tetrachloride	5.76	117	687478	47.985	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	607461	35.111	ug/l	100
40) Benzene	6.12	78	2154098	47.156	ug/l	100
41) Methacrylonitrile	5.01	41	584085	72.108	ug/l	100
42) 1,2-Dichloroethane	6.17	62	917493	62.505	ug/l	100
43) Isopropyl Acetate	6.42	43	1742588	75.325	ug/l	100
44) Trichloroethene	7.19	130	556073	44.428	ug/l	100
45) 1,2-Dichloropropane	7.50	63	601878	54.558	ug/l	100
46) Dibromomethane	7.64	93	404590	52.442	ug/l	100
47) Bromodichloromethane	7.88	83	870203	59.048	ug/l	100
48) Methyl methacrylate	7.75	41	869921	78.288	ug/l	100
49) 1,4-Dioxane	7.72	88	326471	1154.574	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	4981434	355.981	ug/l	100
52) Toluene	8.77	92	1331939	47.573	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	1005457	62.808	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	1032710	58.084	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	576620	48.116	ug/l	100
56) Ethyl methacrylate	9.16	69	1027535	63.064	ug/l	100
57) 1,3-Dichloropropane	9.36	76	1016011	51.080	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2510896	275.763	ug/l	100
59) 2-Hexanone	9.48	43	3798276	363.663	ug/l	100
60) Dibromochloromethane	9.57	129	705282	58.572	ug/l	100
61) 1,2-Dibromoethane	9.65	107	631625	51.506	ug/l	100
64) Tetrachloroethene	9.32	164	497056	45.845	ug/l	100
65) Chlorobenzene	10.12	112	1470225	46.842	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	603518	51.951	ug/l	100
67) Ethyl Benzene	10.24	91	2533564	47.459	ug/l	100
68) m/p-Xylenes	10.34	106	1888782	93.421	ug/l	100
69) o-Xylene	10.68	106	965259	49.114	ug/l	100
70) Styrene	10.70	104	1700378	51.774	ug/l	100
71) Bromoform	10.84	173	568978	70.836	ug/l #	100
73) Isopropylbenzene	11.01	105	2353952	41.308	ug/l	100
74) N-amyl acetate	10.89	43	1476794	68.330	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	891778	48.932	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	850438m	51.679	ug/l	
77) Bromobenzene	11.24	156	688546	50.391	ug/l	100
78) n-propylbenzene	11.35	91	2720744	42.504	ug/l	100
79) 2-Chlorotoluene	11.41	91	1751918	44.954	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	2075255	45.078	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	354992	57.633	ug/l	100
82) 4-Chlorotoluene	11.49	91	2050708	46.348	ug/l	100
83) tert-Butylbenzene	11.76	119	1969373	43.575	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	2161592	45.428	ug/l	100
85) sec-Butylbenzene	11.93	105	2155007	40.253	ug/l	100
86) p-Isopropyltoluene	12.05	119	2091111	43.493	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	1195967	46.696	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	1221989	45.525	ug/l	100
89) n-Butylbenzene	12.37	91	1833754	40.543	ug/l	100
90) Hexachloroethane	12.58	117	413889	43.832	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	1198588	46.699	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	242157	59.241	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	918053	57.225	ug/l	100
94) Hexachlorobutadiene	13.77	225	363676	53.965	ug/l	100
95) Naphthalene	13.82	128	3006494	57.663	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	931774	59.125	ug/l	100

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

