

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032720\
 Data File : VX015371.D
 Acq On : 26 Mar 2020 21:46
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032720

Manual Integrations
 APPROVED

apatel
 3/27/2020 5:16:42 PM

Quant Time: Mar 27 09:57:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1143450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1787773	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1635042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	846067	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	753520	46.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.44%	
35) Dibromofluoromethane	5.47	113	557259	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
50) Toluene-d8	8.70	98	2076639	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
62) 4-Bromofluorobenzene	11.12	95	833247	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	526705	52.284	ug/l	99
3) Chloromethane	1.31	50	622053	48.487	ug/l	99
4) Vinyl Chloride	1.39	62	588655	49.971	ug/l	99
5) Bromomethane	1.62	94	289731	54.004	ug/l	99
6) Chloroethane	1.70	64	350256	47.941	ug/l	98
7) Trichlorofluoromethane	1.91	101	802620	50.805	ug/l	97
8) Diethyl Ether	2.17	74	311206	46.704	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	528532	51.320	ug/l	100
10) Methyl Iodide	2.49	142	698784	50.325	ug/l	100
11) Tert butyl alcohol	3.01	59	884923	229.248	ug/l	99
12) 1,1-Dichloroethene	2.36	96	538064	49.842	ug/l	99
13) Acrolein	2.27	56	553639	251.781	ug/l	99
14) Allyl chloride	2.71	41	1210220	47.978	ug/l	98
15) Acrylonitrile	3.12	53	1781151	241.954	ug/l	99
16) Acetone	2.42	43	1625804	234.652	ug/l	100
17) Carbon Disulfide	2.55	76	1660101	50.410	ug/l	100
18) Methyl Acetate	2.75	43	831644	47.029	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	2014769	48.121	ug/l	100
20) Methylene Chloride	2.83	84	604722	46.727	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	586333	48.939	ug/l	98
22) Diisopropyl ether	3.83	45	2176793	48.701	ug/l	96
23) Vinyl Acetate	3.79	43	9905574	244.769	ug/l	100
24) 1,1-Dichloroethane	3.67	63	1108513	47.103	ug/l	99
25) 2-Butanone	4.64	43	2655916	238.357	ug/l	99
26) 2,2-Dichloropropane	4.56	77	922951	47.779	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	673392	48.581	ug/l	99
28) Bromochloromethane	4.98	49	528499	47.036	ug/l	100
29) Tetrahydrofuran	5.09	42	1711647	238.947	ug/l	100
30) Chloroform	5.18	83	1094381	48.335	ug/l	100
31) Cyclohexane	5.55	56	1053603	51.608	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	1013895	49.481	ug/l	100
36) 1,1-Dichloropropene	5.78	75	843762	51.223	ug/l	100
37) Ethyl Acetate	4.79	43	1044907	48.718	ug/l	100
38) Carbon Tetrachloride	5.76	117	909922	51.001	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	1008432	53.096	ug/l	99
40) Benzene	6.12	78	2406401	49.871	ug/l	99
41) Methacrylonitrile	5.01	41	599776	50.375	ug/l	99
42) 1,2-Dichloroethane	6.17	62	954971	49.271	ug/l	99
43) Isopropyl Acetate	6.42	43	1780069	49.164	ug/l	99
44) Trichloroethene	7.19	130	669099	50.845	ug/l	96
45) 1,2-Dichloropropane	7.50	63	644488	48.825	ug/l	97
46) Dibromomethane	7.64	93	425842	49.180	ug/l	98
47) Bromodichloromethane	7.88	83	918402	49.777	ug/l	100
48) Methyl methacrylate	7.75	41	890355	49.232	ug/l	100
49) 1,4-Dioxane	7.72	88	336883	998.549	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	5077616	247.458	ug/l	100
52) Toluene	8.77	92	1504605	50.577	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	1058976	48.939	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	1093536	49.610	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	604616	49.607	ug/l	97
56) Ethyl methacrylate	9.16	69	1064463	49.556	ug/l	100
57) 1,3-Dichloropropane	9.36	76	1068190	48.644	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	2622110	250.968	ug/l	100
59) 2-Hexanone	9.48	43	3882535	250.624	ug/l	100
60) Dibromochloromethane	9.57	129	733876	50.109	ug/l	100
61) 1,2-Dibromoethane	9.65	107	656401	49.530	ug/l	99
64) Tetrachloroethene	9.32	164	593779	48.121	ug/l	96
65) Chlorobenzene	10.12	112	1611283	49.414	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	640829	49.193	ug/l	99
67) Ethyl Benzene	10.24	91	2950181	51.012	ug/l	99
68) m/p-Xylenes	10.34	106	2187957	101.600	ug/l	99
69) o-Xylene	10.68	106	1071205	50.338	ug/l	99
70) Styrene	10.70	104	1873820	50.041	ug/l	100
71) Bromoform	10.84	173	601802	50.747	ug/l #	100
73) Isopropylbenzene	11.01	105	2851313	51.434	ug/l	99
74) N-amyl acetate	10.89	43	1520360	49.310	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	935657	49.188	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	885902m	50.918	ug/l	
77) Bromobenzene	11.24	156	763463	51.631	ug/l	96
78) n-propylbenzene	11.35	91	3280926	51.758	ug/l	100
79) 2-Chlorotoluene	11.40	91	1967261	50.633	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	2436074	51.455	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	359867	49.629	ug/l	99
82) 4-Chlorotoluene	11.49	91	2310671	50.731	ug/l	100
83) tert-Butylbenzene	11.76	119	2409953	52.113	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	2477766	51.357	ug/l	99
85) sec-Butylbenzene	11.93	105	2776818	51.919	ug/l	100
86) p-Isopropyltoluene	12.05	119	2562975	51.619	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1342574	50.718	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	1339957	49.695	ug/l	100
89) n-Butylbenzene	12.37	91	2339639	52.144	ug/l	100
90) Hexachloroethane	12.58	117	493041	51.018	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	1314270	50.732	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	245639	45.752	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1034300	50.475	ug/l	99
94) Hexachlorobutadiene	13.77	225	502496	51.506	ug/l	97
95) Naphthalene	13.82	128	3245705	51.926	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	1003624	50.871	ug/l	96

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

