

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VOX040120\
 Data File : VX015469.D
 Acq On : 01 Apr 2020 16:31
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 02 09:59:31 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	1110191	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1742962	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1616959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	840471	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	739831	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	
35) Dibromofluoromethane	5.47	113	533924	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
50) Toluene-d8	8.70	98	1988409	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
62) 4-Bromofluorobenzene	11.12	95	812212	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	522845	53.455	ug/l	100
3) Chloromethane	1.31	50	609915	48.966	ug/l	100
4) Vinyl Chloride	1.39	62	569793	49.819	ug/l	98
5) Bromomethane	1.62	94	292982	56.646	ug/l	98
6) Chloroethane	1.70	64	352448	49.686	ug/l	99
7) Trichlorofluoromethane	1.91	101	812591	52.977	ug/l	98
8) Diethyl Ether	2.17	74	315785	48.811	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	541977	54.202	ug/l	98
10) Methyl Iodide	2.49	142	695917	51.620	ug/l	100
11) Tert butyl alcohol	3.01	59	760588	202.940	ug/l	100
12) 1,1-Dichloroethene	2.36	96	536979	51.232	ug/l	93
13) Acrolein	2.27	56	621441	291.082	ug/l	100
14) Allyl chloride	2.70	41	1220622	49.840	ug/l	98
15) Acrylonitrile	3.12	53	1756126	245.702	ug/l	100
16) Acetone	2.42	43	1618740	240.631	ug/l	100
17) Carbon Disulfide	2.55	76	1568091	49.043	ug/l	100
18) Methyl Acetate	2.75	43	836517	48.721	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	2023331	49.773	ug/l	99
20) Methylene Chloride	2.83	84	610675	48.601	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	568770	48.896	ug/l	95
22) Diisopropyl ether	3.83	45	2196565	50.616	ug/l	96
23) Vinyl Acetate	3.79	43	9828791	250.147	ug/l	100
24) 1,1-Dichloroethane	3.67	63	1124632	49.220	ug/l	100
25) 2-Butanone	4.64	43	2569242	237.486	ug/l	99
26) 2,2-Dichloropropane	4.55	77	1031046	54.974	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	666987	49.561	ug/l	97
28) Bromochloromethane	4.98	49	523218	47.961	ug/l	99
29) Tetrahydrofuran	5.09	42	1653425	237.734	ug/l	100
30) Chloroform	5.18	83	1101597	50.111	ug/l	97
31) Cyclohexane	5.55	56	1033525	52.141	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	1012890	50.913	ug/l	99
36) 1,1-Dichloropropene	5.77	75	835004	51.995	ug/l	99
37) Ethyl Acetate	4.79	43	1023874	48.964	ug/l	99
38) Carbon Tetrachloride	5.76	117	900649	51.779	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	1005357	54.295	ug/l	98
40) Benzene	6.12	78	2406262	51.151	ug/l	97
41) Methacrylonitrile	5.01	41	572309	49.304	ug/l	98
42) 1,2-Dichloroethane	6.17	62	974019	51.546	ug/l	99
43) Isopropyl Acetate	6.42	43	1753218	49.667	ug/l	100
44) Trichloroethene	7.19	130	664934	51.828	ug/l	95
45) 1,2-Dichloropropane	7.49	63	653735	50.799	ug/l	99
46) Dibromomethane	7.64	93	423957	50.221	ug/l	99
47) Bromodichloromethane	7.88	83	917735	51.020	ug/l	97
48) Methyl methacrylate	7.75	41	878910	49.849	ug/l	99
49) 1,4-Dioxane	7.72	88	270953	823.775	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	5009970	250.439	ug/l	100
52) Toluene	8.77	92	1494513	51.530	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	1061756	50.329	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	1112573	51.772	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	616968	51.922	ug/l	98
56) Ethyl methacrylate	9.16	69	1074302	51.300	ug/l	99
57) 1,3-Dichloropropane	9.36	76	1073578	50.147	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2576848	252.977	ug/l	100
59) 2-Hexanone	9.48	43	3782793	250.463	ug/l	100
60) Dibromochloromethane	9.57	129	729056	51.059	ug/l	99
61) 1,2-Dibromoethane	9.65	107	655903	50.765	ug/l	99
64) Tetrachloroethene	9.32	164	612158	50.165	ug/l	98
65) Chlorobenzene	10.12	112	1641146	50.893	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	639777	49.661	ug/l	99
67) Ethyl Benzene	10.24	91	2947634	51.538	ug/l	100
68) m/p-Xylenes	10.34	106	2169647	101.877	ug/l	99
69) o-Xylene	10.68	106	1064785	50.596	ug/l	97
70) Styrene	10.70	104	1887638	50.973	ug/l	100
71) Bromoform	10.84	173	556185	47.425	ug/l #	97
73) Isopropylbenzene	11.00	105	2869374	52.105	ug/l	99
74) N-amyl acetate	10.88	43	1545838	50.470	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	924724	48.937	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	883597m	51.123	ug/l	
77) Bromobenzene	11.24	156	735554	50.075	ug/l	99
78) n-propylbenzene	11.35	91	3322148	52.758	ug/l	100
79) 2-Chlorotoluene	11.40	91	1992344	51.620	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	2453716	52.172	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	356001	49.423	ug/l	98
82) 4-Chlorotoluene	11.49	91	2368811	52.353	ug/l	99
83) tert-Butylbenzene	11.76	119	2331489	50.752	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	2456228	51.250	ug/l	99
85) sec-Butylbenzene	11.93	105	2772930	52.191	ug/l	100
86) p-Isopropyltoluene	12.05	119	2627155	53.264	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1355013	51.529	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	1389675	51.882	ug/l	97
89) n-Butylbenzene	12.37	91	2342033	52.544	ug/l	98
90) Hexachloroethane	12.58	117	481592	50.165	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	1309573	50.888	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	240969	45.181	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	999677	49.110	ug/l	96
94) Hexachlorobutadiene	13.77	225	403910	41.676	ug/l	96
95) Naphthalene	13.82	128	3047815	49.085	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	975749	49.787	ug/l	99

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

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