

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032720\
 Data File : VX015401.D
 Acq On : 28 Mar 2020 00:08
 Operator : JC/SP
 Sample : VX0327WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD02

Manual Integrations
 APPROVED

apatel
 3/30/2020 3:00:23 PM

Quant Time: Mar 30 04:53:06 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	5.63	168	1038392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1701059	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1550897	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	797406	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	724868	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
35) Dibromofluoromethane	5.47	113	524060	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
50) Toluene-d8	8.70	98	1953464	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
62) 4-Bromofluorobenzene	11.12	95	789933	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	198468	21.694	ug/l	99
3) Chloromethane	1.31	50	224475	19.268	ug/l	100
4) Vinyl Chloride	1.39	62	221284	20.685	ug/l	98
5) Bromomethane	1.63	94	134644	22.925	ug/l	99
6) Chloroethane	1.71	64	134592	20.286	ug/l	99
7) Trichlorofluoromethane	1.92	101	308435	21.499	ug/l	99
8) Diethyl Ether	2.17	74	118184	19.531	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	199817	21.365	ug/l	98
10) Methyl Iodide	2.49	142	191947	15.222	ug/l	99
11) Tert butyl alcohol	3.01	59	373371	106.511	ug/l	100
12) 1,1-Dichloroethene	2.36	96	208935	21.312	ug/l	95
13) Acrolein	2.27	56	174738	87.506	ug/l	99
14) Allyl chloride	2.71	41	472340	20.620	ug/l	99
15) Acrylonitrile	3.12	53	707183	105.784	ug/l	99
16) Acetone	2.42	43	668952	106.318	ug/l	100
17) Carbon Disulfide	2.55	76	633539	21.184	ug/l	99
18) Methyl Acetate	2.75	43	340433	21.199	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	787150	20.703	ug/l	100
20) Methylene Chloride	2.84	84	238488	20.292	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	232091	21.332	ug/l	99
22) Diisopropyl ether	3.83	45	884073	21.780	ug/l	99
23) Vinyl Acetate	3.79	43	3981922	108.349	ug/l	99
24) 1,1-Dichloroethane	3.67	63	442550	20.708	ug/l	99
25) 2-Butanone	4.64	43	1058183	104.575	ug/l	99
26) 2,2-Dichloropropane	4.56	77	320980	18.298	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	258133	20.507	ug/l	98
28) Bromochloromethane	4.98	49	203998	19.992	ug/l	97
29) Tetrahydrofuran	5.10	42	680676	104.637	ug/l	99
30) Chloroform	5.19	83	430612	20.943	ug/l	97
31) Cyclohexane	5.55	56	409071	22.065	ug/l	95
32) 1,1,1-Trichloroethane	5.47	97	388487	20.877	ug/l	97
36) 1,1-Dichloropropene	5.78	75	331429	21.146	ug/l	98
37) Ethyl Acetate	4.80	43	415172	20.344	ug/l	100
38) Carbon Tetrachloride	5.76	117	347657	20.479	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	372855	20.632	ug/l	94
40) Benzene	6.12	78	943571	20.552	ug/l	97
41) Methacrylonitrile	5.01	41	234167	20.670	ug/l	99
42) 1,2-Dichloroethane	6.17	62	384725	20.862	ug/l	99
43) Isopropyl Acetate	6.42	43	698705	20.281	ug/l	99
44) Trichloroethene	7.19	130	258543	20.648	ug/l	97
45) 1,2-Dichloropropane	7.50	63	252225	20.082	ug/l	96
46) Dibromomethane	7.64	93	163795	19.881	ug/l	98
47) Bromodichloromethane	7.88	83	352565	20.083	ug/l	99
48) Methyl methacrylate	7.75	41	350951	20.395	ug/l	99
49) 1,4-Dioxane	7.72	88	131671	410.179	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	2062580	105.644	ug/l	99
52) Toluene	8.77	92	589828	20.838	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	393108	19.093	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	418511	19.954	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	236058	20.355	ug/l	98
56) Ethyl methacrylate	9.16	69	411962	20.157	ug/l	99
57) 1,3-Dichloropropane	9.36	76	418218	20.016	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	963015	96.871	ug/l	99
59) 2-Hexanone	9.48	43	1566123	106.249	ug/l	99
60) Dibromochloromethane	9.57	129	278493	19.985	ug/l	99
61) 1,2-Dibromoethane	9.65	107	253877	20.133	ug/l	99
64) Tetrachloroethene	9.32	164	233001	19.907	ug/l	97
65) Chlorobenzene	10.12	112	628767	20.329	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	248052	20.075	ug/l	98
67) Ethyl Benzene	10.24	91	1140492	20.791	ug/l	99
68) m/p-Xylenes	10.34	106	857370	41.973	ug/l	100
69) o-Xylene	10.68	106	417879	20.702	ug/l	99
70) Styrene	10.70	104	719590	20.259	ug/l	99
71) Bromoform	10.84	173	219875	19.547	ug/l #	99
73) Isopropylbenzene	11.00	105	1107724	21.201	ug/l	100
74) N-amyl acetate	10.89	43	587759	20.226	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	370126	20.645	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	341589m	20.831	ug/l	
77) Bromobenzene	11.24	156	287484	20.628	ug/l	99
78) n-propylbenzene	11.35	91	1279008	21.408	ug/l	98
79) 2-Chlorotoluene	11.40	91	763885	20.861	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	947139	21.226	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	130688	19.123	ug/l	99
82) 4-Chlorotoluene	11.50	91	902889	21.033	ug/l	100
83) tert-Butylbenzene	11.76	119	927842	21.288	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	952225	20.941	ug/l	98
85) sec-Butylbenzene	11.93	105	1068719	21.201	ug/l	99
86) p-Isopropyltoluene	12.05	119	989745	21.150	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	498022	19.962	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	514773	20.256	ug/l	97
89) n-Butylbenzene	12.37	91	889713	21.039	ug/l	100
90) Hexachloroethane	12.58	117	186842	20.513	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	500647	20.505	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	96119	18.995	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	371866	19.255	ug/l	98
94) Hexachlorobutadiene	13.77	225	184675	20.084	ug/l	95
95) Naphthalene	13.82	128	1213778	20.604	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	389576	20.951	ug/l	99

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

