

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110720\
 Data File : VX019332.D
 Acq On : 06 Nov 2020 11:37
 Operator : JC/MD
 Sample : VX1107WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/9/2020 9:37:20 AM

Quant Time: Nov 07 01:37:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	267749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	445755	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	411714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	209436	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	175160	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
35) Dibromofluoromethane	5.46	113	134740	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
50) Toluene-d8	8.70	98	512499	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
62) 4-Bromofluorobenzene	11.12	95	203000	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	40975	18.357	ug/l	99
3) Chloromethane	1.31	50	47195	18.925	ug/l	99
4) Vinyl Chloride	1.40	62	54698	18.913	ug/l	98
5) Bromomethane	1.64	94	40689	20.602	ug/l	99
6) Chloroethane	1.71	64	36816	19.938	ug/l	98
7) Trichlorofluoromethane	1.92	101	86515	19.042	ug/l	96
8) Diethyl Ether	2.17	74	35567	20.397	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	48712	19.343	ug/l	97
10) Methyl Iodide	2.50	142	46245	19.951	ug/l	100
11) Tert butyl alcohol	3.01	59	68210	100.014	ug/l	99
12) 1,1-Dichloroethene	2.36	96	48130	18.547	ug/l	97
13) Acrolein	2.27	56	22659	78.279	ug/l	100
14) Allyl chloride	2.71	41	77775	19.787	ug/l	99
15) Acrylonitrile	3.11	53	146098	101.942	ug/l	99
16) Acetone	2.42	43	126286	106.015	ug/l	99
17) Carbon Disulfide	2.55	76	126369	17.584	ug/l	100
18) Methyl Acetate	2.75	43	64009	22.097	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	185286	20.607	ug/l	98
20) Methylene Chloride	2.84	84	57740	19.307	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	55679	18.643	ug/l	96
22) Diisopropyl ether	3.82	45	167009	21.313	ug/l	97
23) Vinyl Acetate	3.78	43	723862	103.587	ug/l	98
24) 1,1-Dichloroethane	3.67	63	98505	20.133	ug/l	100
25) 2-Butanone	4.63	43	198996	105.998	ug/l	96
26) 2,2-Dichloropropane	4.55	77	88972	19.344	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	64801	19.416	ug/l	97
28) Bromochloromethane	4.98	49	46656	20.976	ug/l	93
29) Tetrahydrofuran	5.09	42	122959	103.930	ug/l	98
30) Chloroform	5.17	83	103647	19.902	ug/l	98
31) Cyclohexane	5.55	56	85089	19.494	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	92824	19.660	ug/l	100
36) 1,1-Dichloropropene	5.77	75	78743	19.130	ug/l	98
37) Ethyl Acetate	4.79	43	76812	20.098	ug/l	99
38) Carbon Tetrachloride	5.75	117	78564	18.725	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	92813	18.858	ug/l	97
40) Benzene	6.11	78	227660	19.507	ug/l	99
41) Methacrylonitrile	5.00	41	41775	20.297	ug/l	98
42) 1,2-Dichloroethane	6.16	62	86628	20.140	ug/l	98
43) Isopropyl Acetate	6.41	43	128155	20.026	ug/l	99
44) Trichloroethene	7.18	130	61378	18.363	ug/l	96
45) 1,2-Dichloropropane	7.49	63	58195	20.358	ug/l	99
46) Dibromomethane	7.63	93	41522	19.643	ug/l	95
47) Bromodichloromethane	7.87	83	81111	19.468	ug/l	98
48) Methyl methacrylate	7.74	41	61846	20.079	ug/l	99
49) 1,4-Dioxane	7.71	88	26632	388.806	ug/l	94
51) 4-Methyl-2-Pentanone	8.62	43	382351	103.956	ug/l	99
52) Toluene	8.76	92	146063	19.432	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	91084	19.140	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	98108	19.605	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	58463	19.685	ug/l	100
56) Ethyl methacrylate	9.16	69	89733	20.003	ug/l	98
57) 1,3-Dichloropropane	9.35	76	101102	20.191	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	234018	93.278	ug/l	96
59) 2-Hexanone	9.47	43	295355	105.494	ug/l	99
60) Dibromochloromethane	9.56	129	61239	19.000	ug/l	100
61) 1,2-Dibromoethane	9.65	107	62361	19.636	ug/l	100
64) Tetrachloroethene	9.32	164	59368	18.926	ug/l	98
65) Chlorobenzene	10.12	112	156066	18.546	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	56111	18.522	ug/l	99
67) Ethyl Benzene	10.23	91	282204	18.820	ug/l	99
68) m/p-Xylenes	10.34	106	212321	37.727	ug/l	98
69) o-Xylene	10.68	106	101225	18.963	ug/l	99
70) Styrene	10.70	104	172192	18.906	ug/l	99
71) Bromoform	10.84	173	42522	17.703	ug/l #	100
73) Isopropylbenzene	11.00	105	276235	18.633	ug/l	99
74) N-amyl acetate	10.88	43	106127	19.579	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	89509	19.319	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	86987m	20.115	ug/l	
77) Bromobenzene	11.24	156	67579	18.367	ug/l	93
78) n-propylbenzene	11.34	91	323514	19.117	ug/l	99
79) 2-Chlorotoluene	11.40	91	191258	19.196	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	235147	18.776	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	28224	17.185	ug/l	94
82) 4-Chlorotoluene	11.49	91	231098	18.994	ug/l	98
83) tert-Butylbenzene	11.76	119	222303	18.538	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	239991	18.981	ug/l	98
85) sec-Butylbenzene	11.93	105	274026	19.053	ug/l	99
86) p-Isopropyltoluene	12.05	119	254928	19.204	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	125703	18.345	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	125557	17.603	ug/l	95
89) n-Butylbenzene	12.37	91	233670	18.726	ug/l	98
90) Hexachloroethane	12.58	117	40706	18.040	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	119173	18.113	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19489	17.183	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	82755	16.745	ug/l	98
94) Hexachlorobutadiene	13.76	225	34416	15.820	ug/l	97
95) Naphthalene	13.82	128	271455	17.440	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	80661	16.824	ug/l	99

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

