

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100920\
 Data File : VX018875.D
 Acq On : 10 Oct 2020 00:11
 Operator : JC/SP
 Sample : VX1009WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/12/2020 2:23:39 PM

Quant Time: Oct 10 07:20:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	198851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	301509	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	292797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	156388	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	145315	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.10%		
35) Dibromofluoromethane	5.46	113	106034	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.70%		
50) Toluene-d8	8.70	98	371397	49.83	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.66%		
62) 4-Bromofluorobenzene	11.12	95	148451	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.94%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	43105	19.357	ug/l	99
3) Chloromethane	1.31	50	32956	17.683	ug/l	93
4) Vinyl Chloride	1.39	62	37668	18.080	ug/l	99
5) Bromomethane	1.64	94	23384	20.153	ug/l	92
6) Chloroethane	1.72	64	24755	17.741	ug/l	98
7) Trichlorofluoromethane	1.92	101	74284	18.089	ug/l	93
8) Diethyl Ether	2.17	74	21352	19.303	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	34545	17.515	ug/l	96
10) Methyl Iodide	2.50	142	25402	15.271	ug/l	98
11) Tert butyl alcohol	3.01	59	45514	98.532	ug/l	96
12) 1,1-Dichloroethene	2.36	96	33197	18.539	ug/l	95
13) Acrolein	2.27	56	30172	78.507	ug/l	99
14) Allyl chloride	2.71	41	60638	18.212	ug/l	97
15) Acrylonitrile	3.12	53	89030	90.879	ug/l	99
16) Acetone	2.42	43	92086	79.650	ug/l	99
17) Carbon Disulfide	2.55	76	93206	17.308	ug/l	97
18) Methyl Acetate	2.75	43	42612	17.478	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	108976	17.698	ug/l	96
20) Methylene Chloride	2.84	84	38408	18.679	ug/l	92
21) trans-1,2-Dichloroethene	3.14	96	37244	17.485	ug/l	98
22) Diisopropyl ether	3.82	45	106581	17.886	ug/l	94
23) Vinyl Acetate	3.78	43	522543	91.176	ug/l	99
24) 1,1-Dichloroethane	3.67	63	69005	17.223	ug/l	98
25) 2-Butanone	4.64	43	135026	85.000	ug/l	99
26) 2,2-Dichloropropane	4.55	77	57200	14.797	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	41112	17.380	ug/l	98
28) Bromochloromethane	4.98	49	31973	19.040	ug/l	97
29) Tetrahydrofuran	5.09	42	76947	90.283	ug/l	98
30) Chloroform	5.18	83	76604	17.354	ug/l	98
31) Cyclohexane	5.55	56	48961	17.873	ug/l	90
32) 1,1,1-Trichloroethane	5.46	97	73486	17.518	ug/l	97
36) 1,1-Dichloropropene	5.77	75	52674	16.616	ug/l	99
37) Ethyl Acetate	4.79	43	55773	18.219	ug/l	99
38) Carbon Tetrachloride	5.76	117	69697	17.738	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	48069	16.449	ug/l	99
40) Benzene	6.12	78	148571	17.444	ug/l	98
41) Methacrylonitrile	5.00	41	30302	17.063	ug/l	99
42) 1,2-Dichloroethane	6.16	62	69539	17.416	ug/l	99
43) Isopropyl Acetate	6.42	43	88473	17.390	ug/l	99
44) Trichloroethene	7.19	130	44502	17.423	ug/l	99
45) 1,2-Dichloropropane	7.49	63	38548	17.106	ug/l	96
46) Dibromomethane	7.63	93	29941	17.979	ug/l	94
47) Bromodichloromethane	7.88	83	62520	17.324	ug/l	94
48) Methyl methacrylate	7.75	41	44114	17.088	ug/l	98
49) 1,4-Dioxane	7.71	88	11920	329.307	ug/l	93
51) 4-Methyl-2-Pentanone	8.62	43	278571	93.813	ug/l	99
52) Toluene	8.76	92	98218	17.970	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	62993	16.858	ug/l	94
54) cis-1,3-Dichloropropene	8.42	75	66007	17.171	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	40972	17.452	ug/l	97
56) Ethyl methacrylate	9.16	69	55430	18.159	ug/l	97
57) 1,3-Dichloropropane	9.35	76	67961	17.841	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	147496	86.836	ug/l	100
59) 2-Hexanone	9.47	43	208136	92.000	ug/l	98
60) Dibromochloromethane	9.57	129	50612	17.174	ug/l	96
61) 1,2-Dibromoethane	9.65	107	43694	17.356	ug/l	96
64) Tetrachloroethene	9.32	164	40102	17.999	ug/l	96
65) Chlorobenzene	10.12	112	107421	16.977	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.20	131	45265	17.340	ug/l	97
67) Ethyl Benzene	10.23	91	186267	17.450	ug/l	100
68) m/p-Xylenes	10.34	106	143816	35.462	ug/l	98
69) o-Xylene	10.68	106	65878	17.241	ug/l	99
70) Styrene	10.70	104	115875	17.913	ug/l	99
71) Bromoform	10.84	173	37230	16.489	ug/l #	94
73) Isopropylbenzene	11.00	105	186494	18.230	ug/l	100
74) N-amyl acetate	10.88	43	75392	18.627	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	59861	17.556	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	58906m	17.481	ug/l	
77) Bromobenzene	11.24	156	50206	17.866	ug/l	99
78) n-propylbenzene	11.34	91	208993	17.928	ug/l	99
79) 2-Chlorotoluene	11.40	91	132050	18.173	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	162587	18.580	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	19105	16.068	ug/l	97
82) 4-Chlorotoluene	11.49	91	159788	18.494	ug/l	98
83) tert-Butylbenzene	11.76	119	154783	17.663	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	163421	18.371	ug/l	99
85) sec-Butylbenzene	11.93	105	175525	17.779	ug/l	99
86) p-Isopropyltoluene	12.05	119	169026	18.047	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	90143	17.466	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	90655	17.341	ug/l	100
89) n-Butylbenzene	12.37	91	139544	17.148	ug/l	99
90) Hexachloroethane	12.58	117	29022	16.668	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	85974	17.500	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	15362	17.616	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	54302	17.229	ug/l	95
94) Hexachlorobutadiene	13.76	225	22989	16.422	ug/l	94
95) Naphthalene	13.82	128	166052	17.887	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	53800	17.447	ug/l	99

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

