

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100920\
 Data File : VX018851.D
 Acq On : 09 Oct 2020 12:03
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 10/12/2020 2:23:21 PM

Quant Time: Oct 09 13:45:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 09 13:36:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	200835	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	298324	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	285802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	156132	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	51644	17.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.98%	
35) Dibromofluoromethane	5.46	113	36535	17.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.02%	
50) Toluene-d8	8.70	98	123454	16.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	32.88%	
62) 4-Bromofluorobenzene	11.12	95	48755	16.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	32.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	43765	22.226	ug/l	99
3) Chloromethane	1.31	50	36304	16.644	ug/l	96
4) Vinyl Chloride	1.40	62	39804	17.183	ug/l	97
5) Bromomethane	1.64	94	19745	14.376	ug/l	94
6) Chloroethane	1.72	64	24529	18.234	ug/l	93
7) Trichlorofluoromethane	1.92	101	74705	20.323	ug/l	95
8) Diethyl Ether	2.17	74	20782	16.631	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	35448	18.375	ug/l	98
10) Methyl Iodide	2.50	142	33374	16.610	ug/l	99
11) Tert butyl alcohol	3.01	59	40491	82.868	ug/l	100
12) 1,1-Dichloroethene	2.36	96	34348	17.813	ug/l	94
13) Acrolein	2.28	56	32956	101.453	ug/l	100
14) Allyl chloride	2.71	41	57988	15.692	ug/l	98
15) Acrylonitrile	3.12	53	88469	77.477	ug/l	98
16) Acetone	2.42	43	114921	104.202	ug/l	98
17) Carbon Disulfide	2.55	76	96191	16.758	ug/l	99
18) Methyl Acetate	2.75	43	43003	16.359	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	109909	16.354	ug/l	100
20) Methylene Chloride	2.84	84	39328	16.583	ug/l	93
21) trans-1,2-Dichloroethene	3.15	96	36886	16.431	ug/l	100
22) Diisopropyl ether	3.82	45	110621	16.070	ug/l	98
23) Vinyl Acetate	3.79	43	526777	84.940	ug/l	98
24) 1,1-Dichloroethane	3.67	63	70680	17.434	ug/l	99
25) 2-Butanone	4.64	43	143842	85.913	ug/l	97
26) 2,2-Dichloropropane	4.55	77	67868	17.896	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	41089	16.401	ug/l	99
28) Bromochloromethane	4.98	49	31499	16.790	ug/l	98
29) Tetrahydrofuran	5.09	42	76903	74.874	ug/l	97
30) Chloroform	5.18	83	78222	18.778	ug/l	99
31) Cyclohexane	5.55	56	48614	14.705	ug/l	94
32) 1,1,1-Trichloroethane	5.47	97	74608	19.050	ug/l	99
36) 1,1-Dichloropropene	5.77	75	52600	18.084	ug/l	99
37) Ethyl Acetate	4.80	43	54546	17.705	ug/l	98
38) Carbon Tetrachloride	5.76	117	70607	21.403	ug/l	98

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39) Methylcyclohexane	7.44	83	49267	15.470	ug/l	94
40) Benzene	6.12	78	150160	18.118	ug/l	98
41) Methacrylonitrile	5.00	41	29855	17.410	ug/l	98
42) 1,2-Dichloroethane	6.17	62	69740	21.083	ug/l	99
43) Isopropyl Acetate	6.42	43	84991	16.689	ug/l	98
44) Trichloroethene	7.19	130	43121	17.919	ug/l	98
45) 1,2-Dichloropropane	7.49	63	39007	17.222	ug/l	95
46) Dibromomethane	7.64	93	28955	18.455	ug/l	97
47) Bromodichloromethane	7.88	83	62702	19.568	ug/l	92
48) Methyl methacrylate	7.74	41	43883	17.577	ug/l	97
49) 1,4-Dioxane	7.71	88	12685	314.604	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	273871	89.915	ug/l	99
52) Toluene	8.76	92	97104	18.469	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	64174	17.774	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	67728	18.350	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	41315	18.968	ug/l	94
56) Ethyl methacrylate	9.16	69	52654	16.489	ug/l	98
57) 1,3-Dichloropropane	9.35	76	68407	18.687	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	151201	88.602	ug/l	100
59) 2-Hexanone	9.47	43	209937	90.633	ug/l	99
60) Dibromochloromethane	9.57	129	51857	19.801	ug/l	97
61) 1,2-Dibromoethane	9.65	107	44536	19.177	ug/l	99
64) Tetrachloroethene	9.32	164	39755	17.738	ug/l	96
65) Chlorobenzene	10.12	112	107024	18.078	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	45261	19.040	ug/l	100
67) Ethyl Benzene	10.24	91	183098	17.844	ug/l	93
68) m/p-Xylenes	10.34	106	145956	37.509	ug/l	97
69) o-Xylene	10.68	106	65150	17.738	ug/l	99
70) Styrene	10.70	104	115701	18.278	ug/l	99
71) Bromoform	10.84	173	37702	18.779	ug/l #	94
73) Isopropylbenzene	11.00	105	184683	17.662	ug/l	100
74) N-amyl acetate	10.88	43	72373	15.657	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	58852	17.165	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	59165m	18.073	ug/l	
77) Bromobenzene	11.24	156	51254	17.779	ug/l	99
78) n-propylbenzene	11.34	91	208238	17.118	ug/l	99
79) 2-Chlorotoluene	11.40	91	131086	17.750	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	158547	17.705	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	20308	16.144	ug/l	97
82) 4-Chlorotoluene	11.49	91	155973	17.731	ug/l	100
83) tert-Butylbenzene	11.76	119	152791	17.556	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	161518	17.961	ug/l	99
85) sec-Butylbenzene	11.93	105	176158	17.242	ug/l	99
86) p-Isopropyltoluene	12.05	119	169993	18.008	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	88727	17.120	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	89665	17.135	ug/l	99
89) n-Butylbenzene	12.37	91	136392	15.782	ug/l	99
90) Hexachloroethane	12.58	117	29358	15.852	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	85745	17.626	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	15018	17.916	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	55526	16.554	ug/l	93
94) Hexachlorobutadiene	13.76	225	23911	16.964	ug/l	94
95) Naphthalene	13.82	128	159682	15.777	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	53888	16.771	ug/l	97

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

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