

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102620\
 Data File : VX019125.D
 Acq On : 26 Oct 2020 18:09
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 10/27/2020 6:55:27 PM

Quant Time: Oct 26 19:07:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102620W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 26 18:50:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	161802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	271683	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	243094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	122092	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	33522	14.10	ug/l	0.00
Spiked Amount			Recovery	=	28.20%	
35) Dibromofluoromethane	5.46	113	28407	14.35	ug/l	0.00
Spiked Amount			Recovery	=	28.70%	
50) Toluene-d8	8.70	98	109339	14.92	ug/l	0.00
Spiked Amount			Recovery	=	29.84%	
62) 4-Bromofluorobenzene	11.12	95	37182	15.11	ug/l	0.00
Spiked Amount			Recovery	=	30.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	23677	18.722	ug/l	97
3) Chloromethane	1.31	50	25223	18.237	ug/l	100
4) Vinyl Chloride	1.39	62	32129	18.559	ug/l	100
5) Bromomethane	1.64	94	27704	19.519	ug/l	97
6) Chloroethane	1.71	64	21852	18.657	ug/l	99
7) Trichlorofluoromethane	1.92	101	55855	18.969	ug/l	97
8) Diethyl Ether	2.17	74	21579	18.459	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	27125	18.330	ug/l	99
10) Methyl Iodide	2.50	142	27283	18.267	ug/l	98
11) Tert butyl alcohol	3.01	59	33870	85.629	ug/l	99
12) 1,1-Dichloroethene	2.35	96	27529	18.543	ug/l	97
13) Acrolein	2.28	56	15563	78.134	ug/l	95
14) Allyl chloride	2.71	41	35157	18.314	ug/l	99
15) Acrylonitrile	3.12	53	73383	95.296	ug/l	99
16) Acetone	2.42	43	56595	90.133	ug/l	99
17) Carbon Disulfide	2.55	76	74940	18.275	ug/l	97
18) Methyl Acetate	2.75	43	27339	17.639	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	95709	18.852	ug/l	100
20) Methylene Chloride	2.84	84	32236	17.492	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	31624	17.993	ug/l	98
22) Diisopropyl ether	3.82	45	76934	18.937	ug/l	# 82
23) Vinyl Acetate	3.78	43	336625	95.425	ug/l	98
24) 1,1-Dichloroethane	3.67	63	51311	19.075	ug/l	98
25) 2-Butanone	4.64	43	91660	92.992	ug/l	100
26) 2,2-Dichloropropane	4.55	77	47474	18.640	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	36943	18.812	ug/l	98
28) Bromochloromethane	4.98	49	21766	18.792	ug/l	99
29) Tetrahydrofuran	5.09	42	57450	92.766	ug/l	99
30) Chloroform	5.18	83	55743	18.610	ug/l	96
31) Cyclohexane	5.55	56	43335	18.339	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	50575	19.185	ug/l	99
36) 1,1-Dichloropropene	5.77	75	42888	18.353	ug/l	98
37) Ethyl Acetate	4.79	43	35347	17.359	ug/l	98
38) Carbon Tetrachloride	5.75	117	42942	18.205	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	53558	18.851	ug/l	99
40) Benzene	6.11	78	126462	18.412	ug/l	98
41) Methacrylonitrile	5.00	41	18891	18.287	ug/l	99
42) 1,2-Dichloroethane	6.16	62	43025	18.602	ug/l	99
43) Isopropyl Acetate	6.41	43	60589	18.439	ug/l	99
44) Trichloroethene	7.19	130	35399	18.040	ug/l	99
45) 1,2-Dichloropropane	7.49	63	29780	18.712	ug/l	97
46) Dibromomethane	7.64	93	22412	18.661	ug/l	99
47) Bromodichloromethane	7.87	83	43248	18.820	ug/l	97
48) Methyl methacrylate	7.74	41	28559	18.725	ug/l	97
49) 1,4-Dioxane	7.72	88	15727	387.700	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	179448	94.628	ug/l	100
52) Toluene	8.76	92	81850	18.673	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	47306	18.819	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	51581	19.067	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	32354	18.559	ug/l	98
56) Ethyl methacrylate	9.16	69	46487	19.060	ug/l	97
57) 1,3-Dichloropropane	9.35	76	54146	18.861	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	128765	94.515	ug/l	98
59) 2-Hexanone	9.47	43	136181	95.393	ug/l	98
60) Dibromochloromethane	9.56	129	34057	19.214	ug/l	100
61) 1,2-Dibromoethane	9.65	107	34939	19.084	ug/l	98
64) Tetrachloroethene	9.32	164	34033	18.176	ug/l	96
65) Chlorobenzene	10.12	112	87563	18.645	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	31408	18.971	ug/l	99
67) Ethyl Benzene	10.24	91	153822	18.637	ug/l	99
68) m/p-Xylenes	10.34	106	118807	37.735	ug/l	99
69) o-Xylene	10.68	106	56768	18.936	ug/l	100
70) Styrene	10.69	104	94424	19.206	ug/l	100
71) Bromoform	10.84	173	23549	19.136	ug/l #	98
73) Isopropylbenzene	11.00	105	153138	18.858	ug/l	99
74) N-amyl acetate	10.88	43	47397	19.088	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	47992	18.986	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	42859m	15.985	ug/l	
77) Bromobenzene	11.24	156	36487	18.230	ug/l	93
78) n-propylbenzene	11.34	91	172156	19.022	ug/l	100
79) 2-Chlorotoluene	11.40	91	99513	18.684	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	123759	18.875	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	14523	19.095	ug/l	97
82) 4-Chlorotoluene	11.49	91	117092	18.713	ug/l	100
83) tert-Butylbenzene	11.76	119	122661	19.007	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	126823	19.079	ug/l	100
85) sec-Butylbenzene	11.93	105	148754	19.189	ug/l	100
86) p-Isopropyltoluene	12.05	119	134861	19.098	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	68630	18.473	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	70450	18.435	ug/l	98
89) n-Butylbenzene	12.37	91	122051	18.858	ug/l	100
90) Hexachloroethane	12.58	117	21913	19.362	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	68959	18.817	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	10368	19.436	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	46638	18.649	ug/l	99
94) Hexachlorobutadiene	13.76	225	21321	18.850	ug/l	96
95) Naphthalene	13.82	128	149871	19.178	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	45666	18.540	ug/l	99

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

