

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102120\
 Data File : VX019008.D
 Acq On : 21 Oct 2020 18:45
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 10/22/2020 1:21:54 PM

Quant Time: Oct 22 01:45:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 01:25:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	241277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	403243	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	377862	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	193716	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	54768	16.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	33.06%	
35) Dibromofluoromethane	5.46	113	47441	17.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	34.50%	
50) Toluene-d8	8.70	98	179248	17.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.64%	
62) 4-Bromofluorobenzene	11.12	95	64624	16.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	32.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	48299	21.041	ug/l	100
3) Chloromethane	1.31	50	46171	17.477	ug/l	99
4) Vinyl Chloride	1.39	62	54850	19.306	ug/l	99
5) Bromomethane	1.64	94	62730	32.893	ug/l	97
6) Chloroethane	1.71	64	37322	22.348	ug/l	96
7) Trichlorofluoromethane	1.92	101	91422	20.818	ug/l	99
8) Diethyl Ether	2.17	74	34498	21.895	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	42333	18.427	ug/l	100
10) Methyl Iodide	2.49	142	48152	18.966	ug/l	97
11) Tert butyl alcohol	3.03	59	57000	96.824	ug/l	99
12) 1,1-Dichloroethene	2.35	96	44010	18.895	ug/l	99
13) Acrolein	2.28	56	19330	56.291	ug/l	100
14) Allyl chloride	2.71	41	58312	13.626	ug/l	97
15) Acrylonitrile	3.12	53	108081	79.392	ug/l	99
16) Acetone	2.43	43	94192	75.269	ug/l	96
17) Carbon Disulfide	2.55	76	123146	17.835	ug/l	99
18) Methyl Acetate	2.75	43	47619	15.347	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	140324	17.446	ug/l	98
20) Methylene Chloride	2.84	84	51249	17.884	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	51300	18.858	ug/l	99
22) Diisopropyl ether	3.82	45	113768	14.081	ug/l	98
23) Vinyl Acetate	3.78	43	544340	75.631	ug/l	100
24) 1,1-Dichloroethane	3.67	63	83614	17.304	ug/l	98
25) 2-Butanone	4.64	43	151809	77.803	ug/l	99
26) 2,2-Dichloropropane	4.55	77	76126	17.017	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	58330	19.088	ug/l	99
28) Bromochloromethane	4.98	49	34928	15.751	ug/l	98
29) Tetrahydrofuran	5.09	42	87101	71.788	ug/l	98
30) Chloroform	5.18	83	90222	18.210	ug/l	93
31) Cyclohexane	5.55	56	63949	16.085	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	81692	17.681	ug/l	100
36) 1,1-Dichloropropene	5.77	75	67426	17.490	ug/l	99
37) Ethyl Acetate	4.79	43	59477	14.905	ug/l	99
38) Carbon Tetrachloride	5.76	117	69592	16.451	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	75190	17.360	ug/l	94
40) Benzene	6.12	78	200376	17.978	ug/l	99
41) Methacrylonitrile	5.01	41	30748	13.910	ug/l	99
42) 1,2-Dichloroethane	6.16	62	69177	16.254	ug/l	99
43) Isopropyl Acetate	6.42	43	99239	14.925	ug/l	100
44) Trichloroethene	7.19	130	57170	17.726	ug/l	99
45) 1,2-Dichloropropane	7.49	63	48770	16.220	ug/l	99
46) Dibromomethane	7.63	93	35984	17.251	ug/l	99
47) Bromodichloromethane	7.88	83	71359	16.994	ug/l	99
48) Methyl methacrylate	7.74	41	47054	14.641	ug/l	99
49) 1,4-Dioxane	7.73	88	22552	399.572	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	302372	76.538	ug/l	99
52) Toluene	8.76	92	134506	19.005	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	80541	16.897	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	85552	17.402	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	54446	18.647	ug/l	99
56) Ethyl methacrylate	9.16	69	77215	17.967	ug/l	98
57) 1,3-Dichloropropane	9.35	76	87242	17.892	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	204823	90.061	ug/l	98
59) 2-Hexanone	9.47	43	232690	77.788	ug/l	99
60) Dibromochloromethane	9.57	129	58084	16.835	ug/l	99
61) 1,2-Dibromoethane	9.65	107	57402	18.477	ug/l	99
64) Tetrachloroethene	9.32	164	52875	17.944	ug/l	91
65) Chlorobenzene	10.12	112	145902	18.688	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	51735	16.741	ug/l	98
67) Ethyl Benzene	10.24	91	255289	18.989	ug/l	99
68) m/p-Xylenes	10.34	106	194845	38.027	ug/l	98
69) o-Xylene	10.68	106	92980	19.180	ug/l	99
70) Styrene	10.69	104	159188	19.149	ug/l	99
71) Bromoform	10.84	173	41816	16.278	ug/l #	100
73) Isopropylbenzene	11.00	105	254744	19.425	ug/l	99
74) N-amyl acetate	10.88	43	82730	14.789	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	80086	18.671	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	73066m	18.063	ug/l	
77) Bromobenzene	11.24	156	64134	17.932	ug/l	98
78) n-propylbenzene	11.34	91	284641	18.681	ug/l	99
79) 2-Chlorotoluene	11.40	91	167218	18.222	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	209558	18.818	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	26963	17.063	ug/l	99
82) 4-Chlorotoluene	11.49	91	198006	18.157	ug/l	100
83) tert-Butylbenzene	11.76	119	206298	19.009	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	211719	18.920	ug/l	100
85) sec-Butylbenzene	11.93	105	249909	19.443	ug/l	99
86) p-Isopropyltoluene	12.05	119	227189	19.315	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	116280	18.122	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	119142	18.289	ug/l	99
89) n-Butylbenzene	12.37	91	207276	19.072	ug/l	99
90) Hexachloroethane	12.58	117	35166	15.399	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	108265	17.949	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17308	16.979	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	71801	17.005	ug/l	93
94) Hexachlorobutadiene	13.76	225	34029	18.990	ug/l	97
95) Naphthalene	13.82	128	247369	19.369	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	74208	18.394	ug/l	100

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

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