

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
 Data File : VX019490.D
 Acq On : 20 Nov 2020 10:30
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 3:50:32 PM

Quant Time: Nov 21 01:49:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:38:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	249429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	414135	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	397367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	192519	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	56854	17.58	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	35.16%#
35) Dibromofluoromethane	5.46	113	45092	17.35	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	34.70%#
50) Toluene-d8	8.70	98	180702	17.89	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	35.78%#
62) 4-Bromofluorobenzene	11.12	95	64523	17.75	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	35.50%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	46180	19.039	ug/l	99
3) Chloromethane	1.31	50	53409	19.188	ug/l	98
4) Vinyl Chloride	1.39	62	56099	18.723	ug/l	100
5) Bromomethane	1.62	94	22226	19.584	ug/l	95
6) Chloroethane	1.70	64	19797	23.881	ug/l	97
7) Trichlorofluoromethane	1.90	101	79518	18.387	ug/l	98
8) Diethyl Ether	2.17	74	32683	18.871	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.35	101	44631	18.499	ug/l	98
10) Methyl Iodide	2.48	142	57150	18.031	ug/l	99
11) Tert butyl alcohol	3.04	59	63330	103.472	ug/l	99
12) 1,1-Dichloroethene	2.35	96	44900	18.132	ug/l	93
13) Acrolein	2.28	56	37395	90.894	ug/l	100
14) Allyl chloride	2.70	41	68267	17.598	ug/l	99
15) Acrylonitrile	3.12	53	135858	94.122	ug/l	99
16) Acetone	2.43	43	117971	94.326	ug/l	100
17) Carbon Disulfide	2.54	76	115473	17.358	ug/l	100
18) Methyl Acetate	2.75	43	56140	17.402	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	156555	18.315	ug/l	99
20) Methylene Chloride	2.83	84	56465	18.063	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	50340	17.942	ug/l	94
22) Diisopropyl ether	3.82	45	147822	18.420	ug/l	95
23) Vinyl Acetate	3.78	43	627699	93.250	ug/l	99
24) 1,1-Dichloroethane	3.67	63	90657	18.469	ug/l	99
25) 2-Butanone	4.64	43	184465	98.185	ug/l	98
26) 2,2-Dichloropropane	4.55	77	76646	17.889	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	59359	18.418	ug/l	98
28) Bromochloromethane	4.98	49	43421	18.502	ug/l	98
29) Tetrahydrofuran	5.09	42	110128	91.871	ug/l	100
30) Chloroform	5.17	83	93922	18.299	ug/l	98
31) Cyclohexane	5.54	56	75281	17.897	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	81965	18.591	ug/l	99
36) 1,1-Dichloropropene	5.76	75	67484	17.381	ug/l	98
37) Ethyl Acetate	4.80	43	69212	18.989	ug/l	100
38) Carbon Tetrachloride	5.75	117	67266	17.899	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	78825	17.437	ug/l	98
40) Benzene	6.11	78	215455	18.061	ug/l	100
41) Methacrylonitrile	5.00	41	37373	18.594	ug/l	98
42) 1,2-Dichloroethane	6.16	62	74926	18.325	ug/l	99
43) Isopropyl Acetate	6.42	43	109987	17.951	ug/l	100
44) Trichloroethene	7.19	130	56390	18.047	ug/l	98
45) 1,2-Dichloropropane	7.49	63	54305	18.492	ug/l	98
46) Dibromomethane	7.63	93	36445	18.132	ug/l	100
47) Bromodichloromethane	7.87	83	70804	18.154	ug/l	99
48) Methyl methacrylate	7.74	41	53510	18.648	ug/l	99
49) 1,4-Dioxane	7.72	88	25526	391.791	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	350768	98.175	ug/l	100
52) Toluene	8.76	92	138314	18.953	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	77586	18.419	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	85420	18.274	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	56698	19.077	ug/l	97
56) Ethyl methacrylate	9.16	69	79727	18.958	ug/l	99
57) 1,3-Dichloropropane	9.35	76	94284	18.948	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	228018	92.532	ug/l	100
59) 2-Hexanone	9.48	43	269474	99.446	ug/l	100
60) Dibromochloromethane	9.56	129	54814	18.829	ug/l	97
61) 1,2-Dibromoethane	9.65	107	58853	19.211	ug/l	99
64) Tetrachloroethene	9.32	164	55578	17.793	ug/l	96
65) Chlorobenzene	10.12	112	147182	18.015	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	53248	17.918	ug/l	98
67) Ethyl Benzene	10.23	91	258661	18.072	ug/l	99
68) m/p-Xylenes	10.34	106	197913	37.116	ug/l	98
69) o-Xylene	10.68	106	93338	18.311	ug/l	98
70) Styrene	10.69	104	156231	18.464	ug/l	100
71) Bromoform	10.84	173	37849	17.418	ug/l #	98
73) Isopropylbenzene	11.00	105	248965	18.694	ug/l	100
74) N-amyl acetate	10.88	43	89353	17.905	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	85967	18.050	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	78491m	18.682	ug/l	
77) Bromobenzene	11.24	156	61008	17.944	ug/l	98
78) n-propylbenzene	11.34	91	283294	18.542	ug/l	100
79) 2-Chlorotoluene	11.40	91	172866	18.656	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	212821	19.049	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	23709	16.600	ug/l	92
82) 4-Chlorotoluene	11.49	91	202389	18.555	ug/l	99
83) tert-Butylbenzene	11.76	119	197624	18.284	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	212881	18.832	ug/l	99
85) sec-Butylbenzene	11.93	105	241435	18.776	ug/l	99
86) p-Isopropyltoluene	12.05	119	217943	18.668	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	114444	18.329	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	115720	17.993	ug/l	99
89) n-Butylbenzene	12.37	91	189896	17.992	ug/l	99
90) Hexachloroethane	12.58	117	35017	17.925	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	112852	17.995	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17177	17.679	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	70634	17.544	ug/l	98
94) Hexachlorobutadiene	13.76	225	31252	17.040	ug/l	99
95) Naphthalene	13.82	128	227871	18.282	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	72455	17.991	ug/l	98

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

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