

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082120\
 Data File : VX018043.D
 Acq On : 20 Aug 2020 19:45
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 8/21/2020 11:23:06 AM

Quant Time: Aug 21 02:48:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 02:36:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	572899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	936733	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	893854	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	448630	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	152774	19.95	ug/l	0.00
Spiked Amount			Recovery	=	39.90%	
35) Dibromofluoromethane	5.47	113	117820	19.43	ug/l	0.00
Spiked Amount			Recovery	=	38.86%	
50) Toluene-d8	8.70	98	445437	19.22	ug/l	0.00
Spiked Amount			Recovery	=	38.44%	
62) 4-Bromofluorobenzene	11.12	95	174826	19.69	ug/l	0.00
Spiked Amount			Recovery	=	39.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	143939	22.985	ug/l	99
3) Chloromethane	1.31	50	135552	19.122	ug/l	99
4) Vinyl Chloride	1.39	62	143981	19.157	ug/l	98
5) Bromomethane	1.63	94	74910	19.836	ug/l	91
6) Chloroethane	1.72	64	79317	17.751	ug/l	100
7) Trichlorofluoromethane	1.92	101	194774	19.667	ug/l	98
8) Diethyl Ether	2.17	74	64710	16.008	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	104843	18.594	ug/l	98
10) Methyl Iodide	2.49	142	82045	11.498	ug/l	99
11) Tert butyl alcohol	3.02	59	145917	79.725	ug/l	98
12) 1,1-Dichloroethene	2.36	96	108383	18.395	ug/l	96
13) Acrolein	2.28	56	56796	52.307	ug/l	99
14) Allyl chloride	2.71	41	199115	18.393	ug/l	98
15) Acrylonitrile	3.12	53	336670	86.707	ug/l	98
16) Acetone	2.42	43	294266	89.145	ug/l	97
17) Carbon Disulfide	2.55	76	312719	15.668	ug/l	100
18) Methyl Acetate	2.75	43	145354	17.822	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	375298	18.465	ug/l	97
20) Methylene Chloride	2.84	84	124649	18.018	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	117499	17.835	ug/l	96
22) Diisopropyl ether	3.83	45	389286	18.941	ug/l	98
23) Vinyl Acetate	3.79	43	1755394	96.940	ug/l	100
24) 1,1-Dichloroethane	3.67	63	218959	19.014	ug/l	98
25) 2-Butanone	4.64	43	490289	91.713	ug/l	100
26) 2,2-Dichloropropane	4.56	77	179323	17.373	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	133157	18.459	ug/l	99
28) Bromochloromethane	4.98	49	97905	18.489	ug/l	98
29) Tetrahydrofuran	5.09	42	316924	89.566	ug/l	99
30) Chloroform	5.18	83	227323	19.749	ug/l	98
31) Cyclohexane	5.55	56	183127	17.829	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	207799	19.836	ug/l	100
36) 1,1-Dichloropropene	5.77	75	161049	17.521	ug/l	98
37) Ethyl Acetate	4.80	43	194269	18.408	ug/l	100
38) Carbon Tetrachloride	5.76	117	188483	19.900	ug/l	97

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39) Methylcyclohexane	7.45	83	177217	16.279	ug/l	95
40) Benzene	6.12	78	489491	18.283	ug/l	98
41) Methacrylonitrile	5.01	41	101594	17.801	ug/l	97
42) 1,2-Dichloroethane	6.17	62	186712	19.163	ug/l	99
43) Isopropyl Acetate	6.42	43	310012	18.290	ug/l	100
44) Trichloroethene	7.19	130	137496	14.856	ug/l	94
45) 1,2-Dichloropropane	7.49	63	132439	19.352	ug/l	98
46) Dibromomethane	7.64	93	92917	19.894	ug/l	98
47) Bromodichloromethane	7.88	83	179809	18.950	ug/l	93
48) Methyl methacrylate	7.75	41	150495	18.615	ug/l	99
49) 1,4-Dioxane	7.71	88	54831	292.264	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	975906	94.069	ug/l	100
52) Toluene	8.77	92	309042	18.476	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	203745	18.158	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	215770	18.418	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	128993	19.383	ug/l	98
56) Ethyl methacrylate	9.16	69	192164	17.943	ug/l	99
57) 1,3-Dichloropropane	9.35	76	218360	18.941	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	414754	74.683	ug/l	99
59) 2-Hexanone	9.48	43	747632	91.882	ug/l	100
60) Dibromochloromethane	9.57	129	150913	20.386	ug/l	99
61) 1,2-Dibromoethane	9.65	107	142042	19.732	ug/l	99
64) Tetrachloroethene	9.32	164	123437	12.000	ug/l	93
65) Chlorobenzene	10.12	112	350874	18.829	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	134835	19.391	ug/l	97
67) Ethyl Benzene	10.24	91	590540	17.865	ug/l	100
68) m/p-Xylenes	10.34	106	452049	36.489	ug/l	100
69) o-Xylene	10.68	106	214481	18.044	ug/l	99
70) Styrene	10.70	104	372780	18.428	ug/l	99
71) Bromoform	10.84	173	114304	20.087	ug/l #	99
73) Isopropylbenzene	11.00	105	573274	17.734	ug/l	99
74) N-amyl acetate	10.88	43	268342	17.683	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	197472	30.948	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	187388m	18.532	ug/l	
77) Bromobenzene	11.24	156	158004	18.799	ug/l	97
78) n-propylbenzene	11.34	91	658133	17.542	ug/l	98
79) 2-Chlorotoluene	11.40	91	407637	18.256	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	482212	17.660	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	67485	16.262	ug/l	96
82) 4-Chlorotoluene	11.49	91	475065	18.042	ug/l	98
83) tert-Butylbenzene	11.76	119	466067	19.418	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	501107	18.135	ug/l	99
85) sec-Butylbenzene	11.93	105	529195	16.765	ug/l	98
86) p-Isopropyltoluene	12.05	119	499223	17.037	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	277480	18.457	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	274978	18.042	ug/l	98
89) n-Butylbenzene	12.37	91	438940	16.430	ug/l	98
90) Hexachloroethane	12.58	117	93627	18.354	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	258972	17.843	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	47795	17.904	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	166038	15.659	ug/l	99
94) Hexachlorobutadiene	13.77	225	68964	14.388	ug/l	96
95) Naphthalene	13.82	128	573040	16.685	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	165083	16.029	ug/l	96

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

