

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062420\
 Data File : VX016941.D
 Acq On : 24 Jun 2020 11:16
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Jun 24 12:33:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 12:24:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	195548	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	342313	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	309650	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	139847	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	17643	7.08	ug/l	0.00
Spiked Amount			Recovery	=	14.16%	
35) Dibromofluoromethane	5.46	113	12815	5.82	ug/l	0.00
Spiked Amount			Recovery	=	11.64%	
50) Toluene-d8	8.70	98	44499	5.10	ug/l	0.00
Spiked Amount			Recovery	=	10.20%	
62) 4-Bromofluorobenzene	11.12	95	15754	4.64	ug/l	0.00
Spiked Amount			Recovery	=	9.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	10465	4.707	ug/l	94
3) Chloromethane	1.32	50	11025	4.590	ug/l	97
4) Vinyl Chloride	1.39	62	11516	4.399	ug/l	93
5) Bromomethane	1.62	94	7916	5.006	ug/l	89
6) Chloroethane	1.70	64	8185	4.919	ug/l	95
7) Trichlorofluoromethane	1.92	101	19317	5.058	ug/l	96
8) Diethyl Ether	2.17	74	7481	5.039	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	10408	5.087	ug/l	97
10) Methyl Iodide	2.49	142	11938	5.766	ug/l	98
11) Tert butyl alcohol	3.01	59	15161	35.206	ug/l #	89
12) 1,1-Dichloroethene	2.36	96	10911	5.246	ug/l	97
13) Acrolein	2.27	56	11000	39.534	ug/l	97
14) Allyl chloride	2.70	41	23623	7.941	ug/l	99
15) Acrylonitrile	3.12	53	35158	36.185	ug/l	96
16) Acetone	2.42	43	28362	31.002	ug/l	93
17) Carbon Disulfide	2.55	76	35375	6.301	ug/l	100
18) Methyl Acetate	2.75	43	16472	7.302	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	43189	6.970	ug/l	91
20) Methylene Chloride	2.84	84	14717	6.936	ug/l	88
21) trans-1,2-Dichloroethene	3.14	96	13220	6.510	ug/l	93
22) Diisopropyl ether	3.82	45	42969	7.482	ug/l #	84
23) Vinyl Acetate	3.79	43	180462	37.596	ug/l	100
24) 1,1-Dichloroethane	3.67	63	24081	6.941	ug/l	99
25) 2-Butanone	4.64	43	44773	35.108	ug/l	97
26) 2,2-Dichloropropane	4.55	77	20503	6.397	ug/l	93
27) cis-1,2-Dichloroethene	4.56	96	13654	5.976	ug/l	96
28) Bromochloromethane	4.98	49	11146	7.642	ug/l	95
29) Tetrahydrofuran	5.09	42	29188	35.948	ug/l	96
30) Chloroform	5.18	83	25068	6.877	ug/l	95
31) Cyclohexane	5.55	56	20338	6.613	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	22378	6.531	ug/l	97
36) 1,1-Dichloropropene	5.77	75	17008	5.285	ug/l	98
37) Ethyl Acetate	4.80	43	18082	6.141	ug/l	94
38) Carbon Tetrachloride	5.75	117	18323	5.132	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.44	83	17307	4.723	ug/l	96
40) Benzene	6.11	78	46487	4.843	ug/l	99
41) Methacrylonitrile	5.01	41	9356	5.834	ug/l #	90
42) 1,2-Dichloroethane	6.16	62	19079	5.491	ug/l	96
43) Isopropyl Acetate	6.41	43	29735	5.873	ug/l	96
44) Trichloroethene	7.18	130	13957	5.014	ug/l	89
45) 1,2-Dichloropropane	7.49	63	12783	5.258	ug/l	99
46) Dibromomethane	7.64	93	9389	5.703	ug/l	98
47) Bromodichloromethane	7.88	83	18088	5.154	ug/l	99
48) Methyl methacrylate	7.74	41	13633	5.632	ug/l	97
49) 1,4-Dioxane	7.72	88	5939	112.417	ug/l #	89
51) 4-Methyl-2-Pentanone	8.62	43	91588	29.868	ug/l	98
52) Toluene	8.76	92	31258	4.939	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	21792	5.656	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	19888	4.838	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	13496	5.703	ug/l	98
56) Ethyl methacrylate	9.16	69	18302	5.327	ug/l	98
57) 1,3-Dichloropropane	9.35	76	22131	5.467	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.29	63	40804	24.511	ug/l	97
59) 2-Hexanone	9.48	43	68721	30.822	ug/l	99
60) Dibromochloromethane	9.57	129	14346	5.085	ug/l	97
61) 1,2-Dibromoethane	9.65	107	13848	5.348	ug/l	99
64) Tetrachloroethene	9.32	164	13099	4.704	ug/l	98
65) Chlorobenzene	10.12	112	34842	5.510	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	13087	5.324	ug/l	97
67) Ethyl Benzene	10.24	91	60322	5.561	ug/l	97
68) m/p-Xylenes	10.34	106	45501	10.852	ug/l	94
69) o-Xylene	10.68	106	20101	5.164	ug/l	98
70) Styrene	10.70	104	33914	5.114	ug/l	100
71) Bromoform	10.84	173	8231	4.023	ug/l #	98
73) Isopropylbenzene	11.00	105	51785	5.659	ug/l	98
74) N-amyl acetate	10.88	43	22759	6.635	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	17931	6.719	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	16756m	6.307	ug/l	
77) Bromobenzene	11.24	156	13380	5.459	ug/l	99
78) n-propylbenzene	11.34	91	62987	6.110	ug/l	99
79) 2-Chlorotoluene	11.40	91	36725	5.827	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	40707	5.180	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	6587	6.034	ug/l	98
82) 4-Chlorotoluene	11.49	91	40717	5.402	ug/l	96
83) tert-Butylbenzene	11.75	119	40650	5.210	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	45352	5.591	ug/l	99
85) sec-Butylbenzene	11.93	105	54161	5.958	ug/l	100
86) p-Isopropyltoluene	12.05	119	44717	5.426	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	22612	5.073	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	26037	5.738	ug/l	95
89) n-Butylbenzene	12.37	91	39625	5.504	ug/l	99
90) Hexachloroethane	12.58	117	9464	6.289	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	22603	5.202	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	4651	7.447	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	12417	4.408	ug/l	97
94) Hexachlorobutadiene	13.76	225	5627	4.505	ug/l	96
95) Naphthalene	13.82	128	48552	5.670	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	14784	5.322	ug/l	97

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

