

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091219\
 Data File : VY000022.D
 Acq On : 12 Sep 2019 12:54
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.00ml
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 9/13/2019 11:53:55 PM

Quant Time: Sep 12 15:50:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 12 15:35:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	148001	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	270905	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	234869	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	104061	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	154678	97.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.04%	
35) Dibromofluoromethane	7.72	113	151058	97.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.40%	
50) Toluene-d8	10.18	98	640494	102.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.72%	
62) 4-Bromofluorobenzene	12.48	95	214743	94.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	188.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	96931	88.812	ug/l	95
3) Chloromethane	2.11	50	124219	69.970	ug/l	95
4) Vinyl Chloride	2.25	62	153591	92.803	ug/l	99
5) Bromomethane	2.62	94	88739	84.357	ug/l	100
6) Chloroethane	2.78	64	103718	94.134	ug/l	95
7) Trichlorofluoromethane	3.12	101	197055	91.631	ug/l	97
8) Diethyl Ether	3.52	74	83726	94.737	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.89	101	140089	95.725	ug/l	100
10) Methyl Iodide	4.09	142	170280	106.403	ug/l	99
11) Tert butyl alcohol	4.97	59	91363	450.755	ug/l	99
12) 1,1-Dichloroethene	3.87	96	127160	93.232	ug/l	88
13) Acrolein	3.73	56	63137	415.217	ug/l	100
14) Allyl chloride	4.47	41	200208	94.542	ug/l	99
15) Acrylonitrile	5.17	53	267063	476.263	ug/l	98
16) Acetone	3.95	43	208804	472.370	ug/l	97
17) Carbon Disulfide	4.18	76	244662	89.078	ug/l	98
18) Methyl Acetate	4.48	43	115733	93.041	ug/l	96
19) Methyl tert-butyl Ether	5.22	73	401237	97.127	ug/l	98
20) Methylene Chloride	4.71	84	153021	86.832	ug/l	95
21) trans-1,2-Dichloroethene	5.21	96	138452	91.677	ug/l	94
22) Diisopropyl ether	6.12	45	455153	97.361	ug/l	97
23) Vinyl Acetate	6.06	43	1589828	491.594	ug/l	98
24) 1,1-Dichloroethane	6.01	63	263258	95.028	ug/l	99
25) 2-Butanone	6.99	43	342560	476.762	ug/l	100
26) 2,2-Dichloropropane	6.98	77	230014	89.376	ug/l	100
27) cis-1,2-Dichloroethene	6.98	96	181618	95.319	ug/l	100
28) Bromochloromethane	7.34	49	131172	103.101	ug/l #	99
29) Tetrahydrofuran	7.35	42	204287	477.952	ug/l	99
30) Chloroform	7.51	83	269360	94.287	ug/l	98
31) Cyclohexane	7.78	56	195657	84.742	ug/l	98
32) 1,1,1-Trichloroethane	7.70	97	219221	93.545	ug/l	98
36) 1,1-Dichloropropene	7.92	75	188860	94.951	ug/l	99
37) Ethyl Acetate	7.07	43	131330	97.915	ug/l	99
38) Carbon Tetrachloride	7.90	117	182585	97.250	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	234983	95.621	ug/l	93
40) Benzene	8.16	78	626138	96.691	ug/l	99
41) Methacrylonitrile	7.32	41	86654m	49.746	ug/l	
42) 1,2-Dichloroethane	8.24	62	165029	99.721	ug/l	99
43) Isopropyl Acetate	8.28	43	257559	99.094	ug/l	99
44) Trichloroethene	8.93	130	157771	97.576	ug/l	94
45) 1,2-Dichloropropane	9.21	63	163266	97.776	ug/l	99
46) Dibromomethane	9.31	93	87710	94.648	ug/l	97
47) Bromodichloromethane	9.49	83	218505	98.774	ug/l	97
48) Methyl methacrylate	9.29	41	114020	99.413	ug/l	99
49) 1,4-Dioxane	9.30	88	36341	1872.541	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	715588	491.339	ug/l	99
52) Toluene	10.24	92	404578	99.426	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	233206	100.265	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	266128	98.332	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	140315	95.547	ug/l	98
56) Ethyl methacrylate	10.51	69	206775	100.328	ug/l	98
57) 1,3-Dichloropropane	10.79	76	231075	98.390	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	552860	489.713	ug/l	98
59) 2-Hexanone	10.83	43	515078	490.772	ug/l	99
60) Dibromochloromethane	10.98	129	152118	98.307	ug/l	99
61) 1,2-Dibromoethane	11.09	107	131204	101.154	ug/l	96
64) Tetrachloroethene	10.71	164	135056	93.770	ug/l	97
65) Chlorobenzene	11.51	112	436190	97.464	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	151997	98.018	ug/l	99
67) Ethyl Benzene	11.59	91	782411	96.233	ug/l	96
68) m/p-Xylenes	11.70	106	603430	196.681	ug/l	98
69) o-Xylene	12.02	106	286735	95.356	ug/l	100
70) Styrene	12.04	104	518325	99.090	ug/l	100
71) Bromoform	12.20	173	91232	97.438	ug/l #	99
73) Isopropylbenzene	12.32	105	772933	97.212	ug/l	100
74) N-amyl acetate	12.14	43	235338	100.270	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	178061	93.666	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	132805m	57.540	ug/l	
77) Bromobenzene	12.60	156	166639	99.076	ug/l	99
78) n-propylbenzene	12.66	91	950382	97.808	ug/l	99
79) 2-Chlorotoluene	12.75	91	524239	96.483	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	642943	96.845	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	69989	96.050	ug/l	100
82) 4-Chlorotoluene	12.85	91	552220	96.838	ug/l	100
83) tert-Butylbenzene	13.07	119	554014	97.122	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	641523	97.824	ug/l	99
85) sec-Butylbenzene	13.25	105	820902	97.512	ug/l	100
86) p-Isopropyltoluene	13.37	119	688865	96.461	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	328017	96.902	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	332680	97.662	ug/l	99
89) n-Butylbenzene	13.69	91	712816	98.499	ug/l	99
90) Hexachloroethane	13.95	117	139904	98.032	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	300970	95.539	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	31385	84.906	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	193857	96.438	ug/l	99
94) Hexachlorobutadiene	15.10	225	89604	97.187	ug/l	96
95) Naphthalene	15.23	128	527577	95.935	ug/l	100
96) 1,2,3-Trichlorobenzene	15.41	180	171939	95.283	ug/l	97

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

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