

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100819\
 Data File : VY000220.D
 Acq On : 08 Oct 2019 13:22
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 10/10/2019 12:52:20 AM

Quant Time: Oct 08 14:34:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 08 14:14:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	320201	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	537879	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	479230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	230915	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	89879	29.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	58.58%	
35) Dibromofluoromethane	7.73	113	71600	23.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	46.36%	
50) Toluene-d8	10.18	98	274735	24.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	48.22%	
62) 4-Bromofluorobenzene	12.48	95	96154	23.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	46.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	70354	28.854	ug/l	98
3) Chloromethane	2.12	50	95401	32.209	ug/l	95
4) Vinyl Chloride	2.25	62	99085	30.799	ug/l	96
5) Bromomethane	2.64	94	72281	27.936	ug/l	97
6) Chloroethane	2.79	64	64613	31.262	ug/l #	87
7) Trichlorofluoromethane	3.13	101	124847	27.532	ug/l	90
8) Diethyl Ether	3.53	74	58132	33.010	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.91	101	74324	27.839	ug/l	94
10) Methyl Iodide	4.09	142	109134	30.442	ug/l	95
11) Tert butyl alcohol	4.97	59	243698	157.808	ug/l	98
12) 1,1-Dichloroethene	3.87	96	77012	28.141	ug/l	88
13) Acrolein	3.73	56	115953	191.201	ug/l	100
14) Allyl chloride	4.48	41	124007m	30.411	ug/l	
15) Acrylonitrile	5.17	53	431519	170.219	ug/l	99
16) Acetone	3.96	43	349628	172.717	ug/l	97
17) Carbon Disulfide	4.19	76	225210	29.994	ug/l	100
18) Methyl Acetate	4.48	43	199514	36.052	ug/l	90
19) Methyl tert-butyl Ether	5.23	73	283920	32.172	ug/l	94
20) Methylene Chloride	4.72	84	92278	29.410	ug/l #	89
21) trans-1,2-Dichloroethene	5.22	96	85168	29.931	ug/l	91
22) Diisopropyl ether	6.13	45	299879	36.963	ug/l	95
23) Vinyl Acetate	6.07	43	1392340	184.209	ug/l	94
24) 1,1-Dichloroethane	6.02	63	154053	33.370	ug/l	96
25) 2-Butanone	7.00	43	664822	182.337	ug/l	100
26) 2,2-Dichloropropane	6.99	77	135939	29.844	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	100744	29.710	ug/l	89
28) Bromochloromethane	7.35	49	50902	38.640	ug/l	84
29) Tetrahydrofuran	7.36	42	472142	186.827	ug/l	91
30) Chloroform	7.52	83	158390	30.419	ug/l	98
31) Cyclohexane	7.79	56	146396	26.955	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	136558	29.877	ug/l	98
36) 1,1-Dichloropropene	7.93	75	116308	26.960	ug/l	97
37) Ethyl Acetate	7.08	43	216631	32.030	ug/l	98
38) Carbon Tetrachloride	7.91	117	119224	25.692	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	145968	25.425	ug/l	94
40) Benzene	8.17	78	367985	28.478	ug/l	96
41) Methacrylonitrile	7.35	41	171601m	20.326	ug/l	
42) 1,2-Dichloroethane	8.25	62	124566	29.677	ug/l	95
43) Isopropyl Acetate	8.28	43	287626	32.825	ug/l	97
44) Trichloroethene	8.95	130	100614	24.252	ug/l	99
45) 1,2-Dichloropropane	9.22	63	95685	30.385	ug/l	94
46) Dibromomethane	9.31	93	63748	27.232	ug/l	91
47) Bromodichloromethane	9.50	83	128541	28.939	ug/l	100
48) Methyl methacrylate	9.30	41	129121	34.298	ug/l	90
49) 1,4-Dioxane	9.30	88	67006	567.972	ug/l	92
51) 4-Methyl-2-Pentanone	10.08	43	1116538	172.291	ug/l	96
52) Toluene	10.25	92	230981	27.306	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	148911	29.852	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	152807	28.601	ug/l	93
55) 1,1,2-Trichloroethane	10.65	97	93799	27.029	ug/l	95
56) Ethyl methacrylate	10.52	69	169031	32.016	ug/l	94
57) 1,3-Dichloropropane	10.79	76	161366	29.268	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	396710	132.094	ug/l	92
59) 2-Hexanone	10.83	43	956545	173.610	ug/l	97
60) Dibromochloromethane	10.99	129	99961	25.810	ug/l	99
61) 1,2-Dibromoethane	11.10	107	100763	26.789	ug/l	100
64) Tetrachloroethene	10.72	164	98889	23.235	ug/l	97
65) Chlorobenzene	11.52	112	243545	26.094	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	89290	25.517	ug/l	96
67) Ethyl Benzene	11.60	91	434805	26.986	ug/l	96
68) m/p-Xylenes	11.70	106	336527	52.972	ug/l	95
69) o-Xylene	12.03	106	160528	25.669	ug/l	93
70) Styrene	12.05	104	276885	26.743	ug/l	96
71) Bromoform	12.21	173	77393	25.093	ug/l #	100
73) Isopropylbenzene	12.33	105	424637	27.573	ug/l	97
74) N-amyl acetate	12.14	43	220562	36.996	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.58	83	150619	30.751	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	137181m	20.610	ug/l	
77) Bromobenzene	12.61	156	100606	24.911	ug/l	78
78) n-propylbenzene	12.67	91	498691	28.437	ug/l	96
79) 2-Chlorotoluene	12.75	91	285612	28.806	ug/l	94
80) 1,3,5-Trimethylbenzene	12.81	105	359971	27.794	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.38	75	65881	32.897	ug/l #	91
82) 4-Chlorotoluene	12.86	91	293129	28.915	ug/l	95
83) tert-Butylbenzene	13.08	119	305891	26.128	ug/l	96
84) 1,2,4-Trimethylbenzene	13.12	105	358863	27.943	ug/l	99
85) sec-Butylbenzene	13.25	105	424596	26.772	ug/l	97
86) p-Isopropyltoluene	13.37	119	379282	26.328	ug/l	98
87) 1,3-Dichlorobenzene	13.36	146	189671	25.498	ug/l	97
88) 1,4-Dichlorobenzene	13.44	146	189974	25.338	ug/l	97
89) n-Butylbenzene	13.69	91	353689	27.969	ug/l	97
90) Hexachloroethane	13.96	117	71391	26.326	ug/l	91
91) 1,2-Dichlorobenzene	13.73	146	185703	25.687	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	48674	30.480	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	124711	23.993	ug/l	98
94) Hexachlorobutadiene	15.11	225	60309	21.712	ug/l	95
95) Naphthalene	15.23	128	485065	27.612	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	124288	23.961	ug/l	98

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

