

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100819\
 Data File : VY000219.D
 Acq On : 08 Oct 2019 13:00
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 10/10/2019 12:52:18 AM

Quant Time: Oct 08 15:04:13 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	280543	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	460783	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	405829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	184337	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	15885	5.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.82%	
35) Dibromofluoromethane	7.73	113	12975	4.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.80%	
50) Toluene-d8	10.19	98	47519	4.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.74%	
62) 4-Bromofluorobenzene	12.48	95	16784	4.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	11087	5.190	ug/l	90
3) Chloromethane	2.12	50	15515	5.979	ug/l	99
4) Vinyl Chloride	2.25	62	16321	5.790	ug/l	93
5) Bromomethane	2.62	94	13450	5.933	ug/l	98
6) Chloroethane	2.78	64	10812	5.971	ug/l	95
7) Trichlorofluoromethane	3.12	101	22606	5.690	ug/l	87
8) Diethyl Ether	3.53	74	10197	6.609	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.89	101	12497	5.343	ug/l	97
10) Methyl Iodide	4.10	142	11836	3.768	ug/l	94
11) Tert butyl alcohol	4.97	59	45681	33.763	ug/l	96
12) 1,1-Dichloroethene	3.88	96	13459	5.613	ug/l	95
13) Acrolein	3.73	56	27809	52.338	ug/l	99
14) Allyl chloride	4.49	41	21497m	6.017	ug/l	
15) Acrylonitrile	5.17	53	71431	32.160	ug/l	98
16) Acetone	3.95	43	59487	33.541	ug/l	96
17) Carbon Disulfide	4.19	76	35236	5.356	ug/l #	92
18) Methyl Acetate	4.49	43	33006	6.807	ug/l	96
19) Methyl tert-butyl Ether	5.23	73	48198	6.234	ug/l	98
20) Methylene Chloride	4.71	84	16258	5.914	ug/l	88
21) trans-1,2-Dichloroethene	5.22	96	14971	6.005	ug/l	87
22) Diisopropyl ether	6.13	45	49993	7.033	ug/l #	93
23) Vinyl Acetate	6.07	43	214782	32.433	ug/l	94
24) 1,1-Dichloroethane	6.03	63	25505	6.306	ug/l	98
25) 2-Butanone	7.00	43	107348	33.604	ug/l	93
26) 2,2-Dichloropropane	6.99	77	24591	6.162	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	18217	6.132	ug/l	92
28) Bromochloromethane	7.35	49	9515	8.244	ug/l	88
29) Tetrahydrofuran	7.36	42	73290	33.101	ug/l	95
30) Chloroform	7.52	83	26141	5.730	ug/l	93
31) Cyclohexane	7.79	56	28827	6.058	ug/l #	87
32) 1,1,1-Trichloroethane	7.71	97	23075	5.762	ug/l	95
36) 1,1-Dichloropropene	7.93	75	19434	5.259	ug/l	99
37) Ethyl Acetate	7.09	43	34175	5.898	ug/l	99
38) Carbon Tetrachloride	7.91	117	19209	4.832	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	24883	5.059	ug/l	93
40) Benzene	8.17	78	60610	5.475	ug/l	99
41) Methacrylonitrile	7.35	41	31029m	4.290	ug/l	
42) 1,2-Dichloroethane	8.25	62	19715	5.483	ug/l	96
43) Isopropyl Acetate	8.28	43	46460	6.189	ug/l	97
44) Trichloroethene	8.94	130	17668	4.971	ug/l	90
45) 1,2-Dichloropropane	9.23	63	15064	5.584	ug/l	99
46) Dibromomethane	9.32	93	11506	5.738	ug/l #	82
47) Bromodichloromethane	9.50	83	20823	5.472	ug/l	94
48) Methyl methacrylate	9.30	41	20662	6.407	ug/l	92
49) 1,4-Dioxane	9.30	88	10773	106.595	ug/l #	83
51) 4-Methyl-2-Pentanone	10.08	43	171909	30.965	ug/l	99
52) Toluene	10.25	92	37578	5.186	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	22950	5.370	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	24699	5.396	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	15629	5.257	ug/l	94
56) Ethyl methacrylate	10.52	69	25100	5.550	ug/l	92
57) 1,3-Dichloropropane	10.79	76	25625	5.426	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.79	63	61882	24.053	ug/l	92
59) 2-Hexanone	10.84	43	143050	30.307	ug/l	99
60) Dibromochloromethane	10.99	129	15660	4.720	ug/l	95
61) 1,2-Dibromoethane	11.09	107	16085	4.992	ug/l	100
64) Tetrachloroethene	10.72	164	17173	4.765	ug/l	93
65) Chlorobenzene	11.52	112	40757	5.157	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	15453	5.215	ug/l	94
67) Ethyl Benzene	11.60	91	72515	5.315	ug/l	99
68) m/p-Xylenes	11.70	106	55740	10.361	ug/l	100
69) o-Xylene	12.03	106	27216	5.139	ug/l	96
70) Styrene	12.05	104	44191	5.040	ug/l	96
71) Bromoform	12.21	173	12195	4.669	ug/l #	99
73) Isopropylbenzene	12.33	105	67561	5.495	ug/l	95
74) N-amyl acetate	12.14	43	28889	6.070	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.58	83	23626	6.042	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	24940m	4.694	ug/l	
77) Bromobenzene	12.61	156	16892	5.239	ug/l	84
78) n-propylbenzene	12.67	91	77549	5.539	ug/l	98
79) 2-Chlorotoluene	12.75	91	45517	5.751	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	57100	5.523	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	8161	5.105	ug/l #	73
82) 4-Chlorotoluene	12.85	91	46847	5.789	ug/l	94
83) tert-Butylbenzene	13.08	119	51070	5.465	ug/l	94
84) 1,2,4-Trimethylbenzene	13.12	105	56150	5.477	ug/l	98
85) sec-Butylbenzene	13.25	105	67941	5.366	ug/l	95
86) p-Isopropyltoluene	13.37	119	59206	5.148	ug/l	98
87) 1,3-Dichlorobenzene	13.36	146	30196	5.085	ug/l	95
88) 1,4-Dichlorobenzene	13.44	146	29785	4.976	ug/l	87
89) n-Butylbenzene	13.70	91	53239	5.274	ug/l	96
90) Hexachloroethane	13.96	117	11162	5.156	ug/l	90
91) 1,2-Dichlorobenzene	13.74	146	30467	5.279	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	6909	5.420	ug/l	90

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93) 1,2,4-Trichlorobenzene	15.00	180	20777	5.007	ug/l	94
94) Hexachlorobutadiene	15.11	225	10506	4.738	ug/l	95
95) Naphthalene	15.23	128	75493	5.383	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	20280	4.898	ug/l	98

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

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