

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061318\
 Data File : VN049213.D
 Acq On : 13 Jun 2018 21:01
 Operator : MD\SY
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

apatel
 6/14/2018 5:07:17 PM

Quant Time: Jun 14 04:39:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061318W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 14 04:25:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	813132	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1279891	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1168966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	539521	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	272722	20.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.82%	
35) Dibromofluoromethane	7.59	113	225905	21.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.76%	
50) Toluene-d8	10.09	98	857400	21.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.08%	
62) 4-Bromofluorobenzene	12.40	95	271212	20.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	222501	18.61	ug/l	98
3) Chloromethane	2.06	50	230177	18.79	ug/l	97
4) Vinyl Chloride	2.18	62	234252	19.15	ug/l	99
5) Bromomethane	2.57	94	118620	17.67	ug/l	94
6) Chloroethane	2.71	64	155865	19.84	ug/l	96
7) Trichlorofluoromethane	3.02	101	327763	19.60	ug/l	100
8) Diethyl Ether	3.41	74	127359	21.82	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.75	101	225423	22.18	ug/l	98
10) Methyl Iodide	3.95	142	212047	21.76	ug/l	96
11) Tert butyl alcohol	4.80	59	70678	96.35	ug/l	99
12) 1,1-Dichloroethene	3.73	96	206482	22.09	ug/l	98
13) Acrolein	3.61	56	103937	153.70	ug/l	99
14) Allyl chloride	4.32	41	380605	21.31	ug/l	90
15) Acrylonitrile	4.99	53	401238	101.68	ug/l	99
16) Acetone	3.82	43	304798	99.55	ug/l	94
17) Carbon Disulfide	4.05	76	669804	21.66	ug/l	99
18) Methyl Acetate	4.33	43	210347	21.29	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	560155	20.23	ug/l	98
20) Methylene Chloride	4.55	84	248415	21.81	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	220308	20.67	ug/l	98
22) Diisopropyl ether	5.96	45	788283	20.76	ug/l	99
23) Vinyl Acetate	5.90	43	2559762	98.92	ug/l	99
24) 1,1-Dichloroethane	5.85	63	460193	21.26	ug/l	99
25) 2-Butanone	6.84	43	442600	95.30	ug/l	98
26) 2,2-Dichloropropane	6.83	77	336094	19.62	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	248211	20.81	ug/l	98
28) Bromochloromethane	7.20	49	210186	22.29	ug/l	98
29) Tetrahydrofuran	7.22	42	289448	97.18	ug/l	99
30) Chloroform	7.37	83	436759	20.76	ug/l	99
31) Cyclohexane	7.65	56	401941	20.15	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	370390	20.61	ug/l	99
36) 1,1-Dichloropropene	7.80	75	330634	20.65	ug/l	100
37) Ethyl Acetate	6.93	43	216653	21.10	ug/l	99
38) Carbon Tetrachloride	7.77	117	328889	20.92	ug/l	99

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

39) Methylcyclohexane	9.08	83	329070	19.67	ug/l	98
40) Benzene	8.04	78	1002090	20.89	ug/l	98
41) Methacrylonitrile	7.19	41	115924m	20.51	ug/l	
42) 1,2-Dichloroethane	8.13	62	325042	20.82	ug/l	98
43) Isopropyl Acetate	8.17	43	378115	19.30	ug/l	99
44) Trichloroethene	8.84	130	240073	20.44	ug/l	98
45) 1,2-Dichloropropane	9.12	63	274958	20.93	ug/l	100
46) Dibromomethane	9.21	93	147342	20.13	ug/l	97
47) Bromodichloromethane	9.40	83	330894	20.38	ug/l	97
48) Methyl methacrylate	9.20	41	181264	19.39	ug/l	96
49) 1,4-Dioxane	9.20	88	40649	387.26	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	1016471	98.23	ug/l	99
52) Toluene	10.16	92	580541	20.19	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	313560	19.36	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	372639	19.81	ug/l	94
55) 1,1,2-Trichloroethane	10.56	97	209473	20.44	ug/l	98
56) Ethyl methacrylate	10.43	69	254224	19.10	ug/l	94
57) 1,3-Dichloropropane	10.71	76	363189	20.35	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	406323	92.32	ug/l	100
59) 2-Hexanone	10.75	43	627209	94.17	ug/l	99
60) Dibromochloromethane	10.90	129	231702	20.25	ug/l	99
61) 1,2-Dibromoethane	11.01	107	194062	20.23	ug/l	99
64) Tetrachloroethene	10.63	164	244551	21.63	ug/l	98
65) Chlorobenzene	11.44	112	600118	19.95	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	229770	20.47	ug/l	100
67) Ethyl Benzene	11.51	91	1057707	19.77	ug/l	99
68) m/p-Xylenes	11.63	106	806572	40.55	ug/l	100
69) o-Xylene	11.95	106	388094	20.30	ug/l	98
70) Styrene	11.97	104	616624	20.07	ug/l	99
71) Bromoform	12.13	173	144592	19.69	ug/l	# 100
73) Isopropylbenzene	12.25	105	1023719	20.47	ug/l	99
74) N-amyl acetate	12.07	43	285100	19.19	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	247702	20.29	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	207155m	19.94	ug/l	
77) Bromobenzene	12.53	156	244592	20.82	ug/l	99
78) n-propylbenzene	12.59	91	1178951	20.63	ug/l	99
79) 2-Chlorotoluene	12.68	91	725325	20.91	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	834377	20.88	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	62641	19.23	ug/l	98
82) 4-Chlorotoluene	12.78	91	708706	20.75	ug/l	100
83) tert-Butylbenzene	12.99	119	687706	20.43	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	844278	20.92	ug/l	100
85) sec-Butylbenzene	13.17	105	948005	20.67	ug/l	99
86) p-Isopropyltoluene	13.29	119	773212	20.28	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	412729	20.40	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	402030	20.51	ug/l	99
89) n-Butylbenzene	13.62	91	590585	19.15	ug/l	100
90) Hexachloroethane	13.88	117	164727	20.19	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	410065	21.09	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	37827	21.45	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	129234	16.79	ug/l	98
94) Hexachlorobutadiene	15.01	225	121827	20.76	ug/l	98
95) Naphthalene	15.14	128	263900	15.64	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	145880	18.61	ug/l	99

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

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