

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061318\
 Data File : VN049212.D
 Acq On : 13 Jun 2018 20:35
 Operator : MD\SY
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

apatel
 6/14/2018 5:07:12 PM

Quant Time: Jun 14 04:37:08 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	831566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1361343	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1237550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	450872	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	73304	5.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.00%	
35) Dibromofluoromethane	7.59	113	57501	5.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.24%	
50) Toluene-d8	10.09	98	216520	4.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.98%	
62) 4-Bromofluorobenzene	12.40	95	63593	4.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	64680	5.29	ug/l	94
3) Chloromethane	2.06	50	62713	5.01	ug/l	100
4) Vinyl Chloride	2.18	62	64322	5.14	ug/l	99
5) Bromomethane	2.56	94	36805	5.36	ug/l	99
6) Chloroethane	2.70	64	44948	5.59	ug/l	96
7) Trichlorofluoromethane	3.02	101	91540	5.35	ug/l	98
8) Diethyl Ether	3.41	74	35225	5.90	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.75	101	60506	5.82	ug/l	96
10) Methyl Iodide	3.95	142	42508	4.27	ug/l	98
11) Tert butyl alcohol	4.80	59	19726	26.29	ug/l #	84
12) 1,1-Dichloroethene	3.73	96	55909	5.85	ug/l	95
13) Acrolein	3.61	56	39500	57.12	ug/l	96
14) Allyl chloride	4.32	41	100839	5.52	ug/l	89
15) Acrylonitrile	5.00	53	104125	25.80	ug/l #	93
16) Acetone	3.82	43	84169	26.88	ug/l	93
17) Carbon Disulfide	4.05	76	188295	5.95	ug/l	98
18) Methyl Acetate	4.33	43	67675	6.70	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	139992	4.94	ug/l	99
20) Methylene Chloride	4.55	84	70931	6.09	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	60670	5.57	ug/l	98
22) Diisopropyl ether	5.95	45	200024	5.15	ug/l	92
23) Vinyl Acetate	5.90	43	611435	23.10	ug/l	99
24) 1,1-Dichloroethane	5.85	63	124261	5.61	ug/l	98
25) 2-Butanone	6.85	43	117667	24.78	ug/l	95
26) 2,2-Dichloropropane	6.82	77	91273	5.21	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	66686	5.47	ug/l	97
28) Bromochloromethane	7.20	49	57231	5.93	ug/l	96
29) Tetrahydrofuran	7.22	42	69291	22.75	ug/l	100
30) Chloroform	7.37	83	118728	5.52	ug/l	97
31) Cyclohexane	7.65	56	112381	5.51	ug/l #	89
32) 1,1,1-Trichloroethane	7.57	97	100133	5.45	ug/l	99
36) 1,1-Dichloropropene	7.80	75	85207	5.00	ug/l	98
37) Ethyl Acetate	6.94	43	55450	5.08	ug/l #	93
38) Carbon Tetrachloride	7.77	117	85006	5.08	ug/l	99

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

39) Methylcyclohexane	9.08	83	82590	4.64	ug/l	92
40) Benzene	8.04	78	265568	5.20	ug/l	98
41) Methacrylonitrile	7.19	41	28456m	4.73	ug/l	
42) 1,2-Dichloroethane	8.12	62	85686	5.16	ug/l	97
43) Isopropyl Acetate	8.17	43	103201	4.95	ug/l #	94
44) Trichloroethene	8.84	130	66516	5.32	ug/l	96
45) 1,2-Dichloropropane	9.12	63	72626	5.20	ug/l	97
46) Dibromomethane	9.21	93	40184	5.16	ug/l	96
47) Bromodichloromethane	9.41	83	90777	5.26	ug/l	98
48) Methyl methacrylate	9.20	41	44971	4.52	ug/l	96
49) 1,4-Dioxane	9.21	88	10672	95.59	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	254745	23.14	ug/l	99
52) Toluene	10.16	92	148351	4.85	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	78724	4.57	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	91258	4.56	ug/l	93
55) 1,1,2-Trichloroethane	10.56	97	56893	5.22	ug/l	99
56) Ethyl methacrylate	10.43	69	58997	4.17	ug/l	95
57) 1,3-Dichloropropane	10.71	76	95112	5.01	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	90715	19.38	ug/l	98
59) 2-Hexanone	10.75	43	151061	21.32	ug/l	99
60) Dibromochloromethane	10.90	129	59125	4.86	ug/l	99
61) 1,2-Dibromoethane	11.01	107	50214	4.92	ug/l	98
64) Tetrachloroethene	10.63	164	65897	5.51	ug/l	96
65) Chlorobenzene	11.44	112	164963	5.18	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	62634	5.27	ug/l	99
67) Ethyl Benzene	11.51	91	261174	4.61	ug/l	97
68) m/p-Xylenes	11.62	106	186680	8.87	ug/l	97
69) o-Xylene	11.95	106	92509	4.57	ug/l	95
70) Styrene	11.97	104	131925	4.06	ug/l	98
71) Bromoform	12.13	173	37562	4.83	ug/l #	99
73) Isopropylbenzene	12.25	105	239532	5.73	ug/l	99
74) N-amyl acetate	12.07	43	61383	4.94	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.51	83	66846	6.55	ug/l	96
76) 1,2,3-Trichloropropane	12.55	75	54047m	6.23	ug/l	
77) Bromobenzene	12.53	156	57704	5.88	ug/l	96
78) n-propylbenzene	12.59	91	245524	5.14	ug/l	99
79) 2-Chlorotoluene	12.68	91	167608	5.78	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	179141	5.36	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	14604	5.36	ug/l	97
82) 4-Chlorotoluene	12.78	91	153465	5.38	ug/l	99
83) tert-Butylbenzene	13.00	119	152631	5.42	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	169713	5.03	ug/l	97
85) sec-Butylbenzene	13.17	105	201809	5.27	ug/l	99
86) p-Isopropyltoluene	13.29	119	157673	4.95	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	87396	5.17	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	85273	5.21	ug/l	95
89) n-Butylbenzene	13.62	91	109961	4.27	ug/l	98
90) Hexachloroethane	13.88	117	41604	6.10	ug/l	94
91) 1,2-Dichlorobenzene	13.66	146	86224	5.31	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	7936	5.39	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	21001	3.27	ug/l	96
94) Hexachlorobutadiene	15.01	225	30784	6.28	ug/l	94
95) Naphthalene	15.14	128	47817	3.39	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	23133	3.53	ug/l	92

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

