

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062518\
 Data File : VN049530.D
 Acq On : 26 Jun 2018 00:03
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 6/26/2018 5:14:47 PM

Quant Time: Jun 26 03:35:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1474294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2167643	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1994122	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1013785	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	956510	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
35) Dibromofluoromethane	7.59	113	858920	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
50) Toluene-d8	10.09	98	3276374	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
62) 4-Bromofluorobenzene	12.40	95	1103512	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	659891	38.89	ug/l	100
3) Chloromethane	2.06	50	854470	39.00	ug/l	97
4) Vinyl Chloride	2.18	62	961407	41.28	ug/l	99
5) Bromomethane	2.56	94	533100	43.55	ug/l	95
6) Chloroethane	2.70	64	607859	43.78	ug/l	100
7) Trichlorofluoromethane	3.02	101	1334294	45.93	ug/l	99
8) Diethyl Ether	3.41	74	469002	46.24	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.75	101	815990	44.28	ug/l	94
10) Methyl Iodide	3.95	142	1029327	53.66	ug/l	92
11) Tert butyl alcohol	4.80	59	253388	220.78	ug/l	99
12) 1,1-Dichloroethene	3.73	96	746572	44.16	ug/l	91
13) Acrolein	3.61	56	329183	273.51	ug/l	100
14) Allyl chloride	4.32	41	1213501	45.46	ug/l	90
15) Acrylonitrile	4.99	53	1375602	239.70	ug/l	98
16) Acetone	3.82	43	959996	202.20	ug/l	94
17) Carbon Disulfide	4.05	76	2138600	40.36	ug/l	99
18) Methyl Acetate	4.33	43	724915	50.08	ug/l	94
19) Methyl tert-butyl Ether	5.05	73	2117049	49.12	ug/l	99
20) Methylene Chloride	4.55	84	895280	45.15	ug/l	91
21) trans-1,2-Dichloroethene	5.04	96	815410	45.56	ug/l	92
22) Diisopropyl ether	5.96	45	2652270	49.76	ug/l	95
23) Vinyl Acetate	5.90	43	8452894	243.27	ug/l	96
24) 1,1-Dichloroethane	5.85	63	1577046	46.23	ug/l	99
25) 2-Butanone	6.84	43	1462285	229.37	ug/l	95
26) 2,2-Dichloropropane	6.83	77	1160376	42.12	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	941636	47.33	ug/l	91
28) Bromochloromethane	7.20	49	745526	49.29	ug/l	84
29) Tetrahydrofuran	7.22	42	992677	241.90	ug/l	94
30) Chloroform	7.37	83	1603510	47.23	ug/l	98
31) Cyclohexane	7.65	56	1339556	46.31	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	1383456	47.76	ug/l	97
36) 1,1-Dichloropropene	7.79	75	1205084	48.51	ug/l	98
37) Ethyl Acetate	6.93	43	680664	50.40	ug/l	96
38) Carbon Tetrachloride	7.77	117	1224497	47.61	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1238021	46.42	ug/l	96
40) Benzene	8.04	78	3641107	47.81	ug/l	99
41) Methacrylonitrile	7.17	41	319144	43.71	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	1135835	48.27	ug/l	96
43) Isopropyl Acetate	8.17	43	1280258	49.61	ug/l	95
44) Trichloroethene	8.84	130	987737	49.11	ug/l	91
45) 1,2-Dichloropropane	9.12	63	959970	48.14	ug/l	100
46) Dibromomethane	9.21	93	563987	48.77	ug/l	92
47) Bromodichloromethane	9.40	83	1245839	49.03	ug/l	97
48) Methyl methacrylate	9.20	41	638848	52.57	ug/l	89
49) 1,4-Dioxane	9.20	88	164832	982.80	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	3436795	254.12	ug/l	94
52) Toluene	10.16	92	2258400	50.52	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	1192639	49.06	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1393387	48.54	ug/l #	89
55) 1,1,2-Trichloroethane	10.56	97	799226	47.96	ug/l	98
56) Ethyl methacrylate	10.43	69	978760	50.91	ug/l #	86
57) 1,3-Dichloropropane	10.71	76	1356455	49.13	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1441642	212.05	ug/l	95
59) 2-Hexanone	10.75	43	2166810	248.51	ug/l	92
60) Dibromochloromethane	10.90	129	926729	49.82	ug/l	99
61) 1,2-Dibromoethane	11.01	107	770779	49.76	ug/l	100
64) Tetrachloroethene	10.63	164	1078090	52.76	ug/l	97
65) Chlorobenzene	11.44	112	2471801	48.12	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	936290	48.43	ug/l	98
67) Ethyl Benzene	11.51	91	4281689	50.25	ug/l	98
68) m/p-Xylenes	11.62	106	3280698	102.59	ug/l	97
69) o-Xylene	11.95	106	1577658	51.22	ug/l	96
70) Styrene	11.97	104	2534987	52.17	ug/l	98
71) Bromoform	12.13	173	615085	49.15	ug/l #	99
73) Isopropylbenzene	12.25	105	4232458	47.55	ug/l	98
74) N-amyl acetate	12.07	43	1037878	47.60	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.51	83	893761	48.75	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	749839m	43.35	ug/l	
77) Bromobenzene	12.53	156	1057555	44.98	ug/l	90
78) n-propylbenzene	12.59	91	4796233	49.07	ug/l	99
79) 2-Chlorotoluene	12.68	91	2873639	46.40	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	3451316	49.33	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	241621	44.15	ug/l	93
82) 4-Chlorotoluene	12.77	91	2844733	47.62	ug/l	96
83) tert-Butylbenzene	12.99	119	2916991	47.06	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	3502519	50.39	ug/l	99
85) sec-Butylbenzene	13.17	105	3895594	47.22	ug/l	98
86) p-Isopropyltoluene	13.29	119	3364563	48.81	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	1837447	47.50	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1769642	46.16	ug/l	99
89) n-Butylbenzene	13.62	91	2614983	48.57	ug/l	98
90) Hexachloroethane	13.88	117	654092	50.15	ug/l	87
91) 1,2-Dichlorobenzene	13.66	146	1789746	47.18	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	134297	43.34	ug/l	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	684029	40.35	ug/l	99
94) Hexachlorobutadiene	15.01	225	545646	49.13	ug/l	99
95) Naphthalene	15.14	128	1299827	43.22	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	695367	41.54	ug/l	99

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

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