

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112718\
 Data File : VN052469.D
 Acq On : 27 Nov 2018 10:05
 Operator : MD\SY
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 11/28/2018 9:33:28 AM

Quant Time: Nov 28 00:57:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 00:40:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1014820	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1592376	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1408669	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	610948	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	211680	19.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.32%	
35) Dibromofluoromethane	7.59	113	187862	19.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.28%	
50) Toluene-d8	10.09	98	718206	18.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.58%	
62) 4-Bromofluorobenzene	12.40	95	233038	18.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	188023	19.788	ug/l	98
3) Chloromethane	2.06	50	245816	19.598	ug/l	100
4) Vinyl Chloride	2.19	62	254937	19.786	ug/l	100
5) Bromomethane	2.58	94	148918	18.524	ug/l	99
6) Chloroethane	2.71	64	153959	19.727	ug/l	98
7) Trichlorofluoromethane	3.02	101	314596	19.877	ug/l	99
8) Diethyl Ether	3.41	74	116464	19.927	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	194457	19.690	ug/l	99
10) Methyl Iodide	3.96	142	247763	18.836	ug/l	99
11) Tert butyl alcohol	4.78	59	49612	89.687	ug/l #	89
12) 1,1-Dichloroethene	3.74	96	188098	19.787	ug/l	99
13) Acrolein	3.61	56	87362	100.391	ug/l	100
14) Allyl chloride	4.33	41	324931	19.832	ug/l	99
15) Acrylonitrile	4.99	53	349423	99.788	ug/l	99
16) Acetone	3.82	43	285146	97.840	ug/l	98
17) Carbon Disulfide	4.06	76	573139	19.158	ug/l	100
18) Methyl Acetate	4.33	43	164111	19.631	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	499844	19.763	ug/l	99
20) Methylene Chloride	4.56	84	217259	19.050	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	198081	19.510	ug/l	97
22) Diisopropyl ether	5.95	45	690108	20.053	ug/l	98
23) Vinyl Acetate	5.90	43	2107655	98.325	ug/l	99
24) 1,1-Dichloroethane	5.85	63	390382	19.867	ug/l	99
25) 2-Butanone	6.83	43	407047	98.537	ug/l	100
26) 2,2-Dichloropropane	6.82	77	264013	19.411	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	229529	19.408	ug/l	98
28) Bromochloromethane	7.19	49	178522	19.891	ug/l	99
29) Tetrahydrofuran	7.21	42	264791	99.381	ug/l	98
30) Chloroform	7.37	83	379534	19.359	ug/l	98
31) Cyclohexane	7.65	56	379749	17.274	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	304874	19.628	ug/l	100
36) 1,1-Dichloropropene	7.79	75	292858	19.476	ug/l	100
37) Ethyl Acetate	6.93	43	176943	19.281	ug/l	99
38) Carbon Tetrachloride	7.77	117	263955	19.390	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	359091	19.647	ug/l	100
40) Benzene	8.04	78	890789	19.878	ug/l	100
41) Methacrylonitrile	7.17	41	95052	18.945	ug/l	93
42) 1,2-Dichloroethane	8.12	62	271155	19.983	ug/l	99
43) Isopropyl Acetate	8.16	43	298975	19.251	ug/l	99
44) Trichloroethene	8.84	130	225757	19.667	ug/l	100
45) 1,2-Dichloropropane	9.12	63	236126	19.819	ug/l	97
46) Dibromomethane	9.21	93	134135	20.337	ug/l	98
47) Bromodichloromethane	9.40	83	281453	19.627	ug/l	99
48) Methyl methacrylate	9.20	41	154447	19.072	ug/l	99
49) 1,4-Dioxane	9.20	88	32096	381.897	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	861703	98.891	ug/l	100
52) Toluene	10.16	92	529778	19.897	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	263819	19.124	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	322987	19.537	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	188683	20.146	ug/l	99
56) Ethyl methacrylate	10.43	69	225799	19.590	ug/l	100
57) 1,3-Dichloropropane	10.71	76	330617	19.992	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	700343	103.052	ug/l	100
59) 2-Hexanone	10.75	43	580394	99.243	ug/l	100
60) Dibromochloromethane	10.90	129	198131	19.478	ug/l	99
61) 1,2-Dibromoethane	11.01	107	182020	19.567	ug/l	100
64) Tetrachloroethene	10.63	164	213256	19.526	ug/l	98
65) Chlorobenzene	11.43	112	571952	19.691	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	195858	19.393	ug/l	99
67) Ethyl Benzene	11.51	91	1006994	19.797	ug/l	98
68) m/p-Xylenes	11.62	106	752417	39.735	ug/l	100
69) o-Xylene	11.95	106	368332	20.031	ug/l	100
70) Styrene	11.96	104	582663	19.894	ug/l	99
71) Bromoform	12.13	173	132129	19.758	ug/l #	98
73) Isopropylbenzene	12.25	105	964410	20.120	ug/l	99
74) N-amyl acetate	12.07	43	233790	19.306	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	218055	19.998	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	188883m	20.843	ug/l	
77) Bromobenzene	12.53	156	235223	19.854	ug/l	99
78) n-propylbenzene	12.59	91	1101207	20.223	ug/l	100
79) 2-Chlorotoluene	12.68	91	654400	20.180	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	784108	20.511	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	53036	18.800	ug/l	94
82) 4-Chlorotoluene	12.77	91	654228	20.018	ug/l	99
83) tert-Butylbenzene	12.99	119	687559	20.175	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	782736	20.431	ug/l	99
85) sec-Butylbenzene	13.17	105	934103	20.123	ug/l	100
86) p-Isopropyltoluene	13.29	119	799329	20.217	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	412906	19.924	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	401571	19.672	ug/l	99
89) n-Butylbenzene	13.62	91	655804	19.945	ug/l	100
90) Hexachloroethane	13.88	117	131075	19.580	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	394575	19.928	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	29207	18.729	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	181652	19.402	ug/l	99
94) Hexachlorobutadiene	15.01	225	126721	19.894	ug/l	99
95) Naphthalene	15.14	128	375398	19.423	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	175251	20.042	ug/l	100

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

