

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102920\
 Data File : VN064367.D
 Acq On : 29 Oct 2020 12:31
 Operator : JC/MD
 Sample : VN1029WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1029WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/30/2020 1:35:29 PM

Quant Time: Oct 30 06:42:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	282204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	460907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	417297	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	188561	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	219667	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
35) Dibromofluoromethane	7.55	113	159320	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
50) Toluene-d8	10.06	98	554964	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
62) 4-Bromofluorobenzene	12.37	95	218492	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	58350	17.987	ug/l	95
3) Chloromethane	2.04	50	57916	16.516	ug/l	99
4) Vinyl Chloride	2.16	62	60532	17.846	ug/l	93
5) Bromomethane	2.53	94	36387	16.602	ug/l	91
6) Chloroethane	2.67	64	38162	18.829	ug/l	96
7) Trichlorofluoromethane	2.98	101	108039	19.013	ug/l	97
8) Diethyl Ether	3.37	74	33215	18.478	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	51992	18.205	ug/l	96
10) Methyl Iodide	3.91	142	55787	14.638	ug/l	100
11) Tert butyl alcohol	4.73	59	57146	86.805	ug/l #	87
12) 1,1-Dichloroethene	3.69	96	50963	18.902	ug/l	96
13) Acrolein	3.57	56	9340	78.434	ug/l	95
14) Allyl chloride	4.27	41	92673	16.834	ug/l	94
15) Acrylonitrile	4.93	53	132399	93.521	ug/l	99
16) Acetone	3.77	43	140125	85.807	ug/l	97
17) Carbon Disulfide	4.01	76	135758	17.019	ug/l	97
18) Methyl Acetate	4.27	43	61623	18.089	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	195150	18.838	ug/l	100
20) Methylene Chloride	4.51	84	60781	18.898	ug/l	92
21) trans-1,2-Dichloroethene	4.99	96	54458	18.106	ug/l	95
22) Diisopropyl ether	5.90	45	197541	18.358	ug/l	97
23) Vinyl Acetate	5.84	43	863038	94.802	ug/l	98
24) 1,1-Dichloroethane	5.79	63	112605	18.701	ug/l	98
25) 2-Butanone	6.78	43	199560	87.641	ug/l	100
26) 2,2-Dichloropropane	6.77	77	104169	17.677	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	63701	18.507	ug/l	96
28) Bromochloromethane	7.15	49	50421	17.576	ug/l	96
29) Tetrahydrofuran	7.17	42	126979	85.899	ug/l	98
30) Chloroform	7.33	83	117716	18.316	ug/l	98
31) Cyclohexane	7.61	56	87174	16.563	ug/l #	94
32) 1,1,1-Trichloroethane	7.52	97	112793	18.276	ug/l	98
36) 1,1-Dichloropropene	7.75	75	85635	18.410	ug/l	99
37) Ethyl Acetate	6.87	43	79170	16.850	ug/l	98
38) Carbon Tetrachloride	7.73	117	103371	19.168	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	70023	15.182	ug/l	98
40) Benzene	8.00	78	235647	18.200	ug/l	99
41) Methacrylonitrile	7.12	41	35117	15.056	ug/l	88
42) 1,2-Dichloroethane	8.08	62	103494	18.504	ug/l	99
43) Isopropyl Acetate	8.12	43	149723	18.641	ug/l #	92
44) Trichloroethene	8.80	130	63082	18.598	ug/l	89
45) 1,2-Dichloropropane	9.08	63	63901	18.430	ug/l	100
46) Dibromomethane	9.17	93	43968	18.127	ug/l	93
47) Bromodichloromethane	9.37	83	96072	17.872	ug/l	97
48) Methyl methacrylate	9.16	41	74652	18.015	ug/l	97
49) 1,4-Dioxane	9.16	88	18741	306.832	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	424517	90.926	ug/l	99
52) Toluene	10.12	92	150896	18.469	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	104142	18.322	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	108959	18.622	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	59684	18.506	ug/l	99
56) Ethyl methacrylate	10.40	69	89166	18.264	ug/l	97
57) 1,3-Dichloropropane	10.68	76	104145	18.930	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	228299	85.694	ug/l	100
59) 2-Hexanone	10.72	43	313789	91.256	ug/l	98
60) Dibromochloromethane	10.87	129	73114	19.174	ug/l	98
61) 1,2-Dibromoethane	10.98	107	62231	18.937	ug/l	98
64) Tetrachloroethene	10.60	164	61223	17.851	ug/l	96
65) Chlorobenzene	11.41	112	164631	19.460	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	65379	19.120	ug/l	96
67) Ethyl Benzene	11.48	91	285013	18.121	ug/l	95
68) m/p-Xylenes	11.59	106	211117	36.220	ug/l	98
69) o-Xylene	11.92	106	105144	18.724	ug/l	95
70) Styrene	11.94	104	171014	18.574	ug/l	97
71) Bromoform	12.10	173	50111	18.672	ug/l #	97
73) Isopropylbenzene	12.22	105	267539	18.944	ug/l	100
74) N-amyl acetate	12.04	43	122809	19.756	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	79378	19.336	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	78360m	17.353	ug/l	
77) Bromobenzene	12.50	156	70067	20.261	ug/l	97
78) n-propylbenzene	12.56	91	295537	18.484	ug/l	100
79) 2-Chlorotoluene	12.65	91	197088	19.283	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	219982	18.409	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	28967	18.478	ug/l	96
82) 4-Chlorotoluene	12.75	91	204240	19.615	ug/l	99
83) tert-Butylbenzene	12.96	119	168109	17.144	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	227194	19.027	ug/l	100
85) sec-Butylbenzene	13.14	105	212406	16.739	ug/l	100
86) p-Isopropyltoluene	13.26	119	199204	17.425	ug/l	98
87) 1,3-Dichlorobenzene	13.25	146	112937	18.655	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	115231	18.688	ug/l	99
89) n-Butylbenzene	13.59	91	159194	15.807	ug/l	98
90) Hexachloroethane	13.85	117	36992	17.230	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	113352	18.833	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	19333	18.980	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	52831	16.674	ug/l	99
94) Hexachlorobutadiene	14.98	225	24983	13.526	ug/l	98
95) Naphthalene	15.10	128	169675	17.548	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	51118	16.843	ug/l	98

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

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