

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102820\
 Data File : VN064345.D
 Acq On : 28 Oct 2020 12:18
 Operator : JC/MD
 Sample : VN1028WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/29/2020 9:49:45 AM

Quant Time: Oct 29 02:54:45 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	235301	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	392949	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	364743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	169908	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	200138	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	
35) Dibromofluoromethane	7.55	113	133711	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
50) Toluene-d8	10.06	98	477586	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
62) 4-Bromofluorobenzene	12.38	95	191228	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	53074	19.622	ug/l	94
3) Chloromethane	2.04	50	54510	18.643	ug/l	96
4) Vinyl Chloride	2.16	62	56005	19.803	ug/l	96
5) Bromomethane	2.53	94	33842	18.519	ug/l	100
6) Chloroethane	2.67	64	32750	19.380	ug/l	98
7) Trichlorofluoromethane	2.98	101	96084	20.280	ug/l	98
8) Diethyl Ether	3.38	74	30942	20.645	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.73	101	48593m	20.406	ug/l	
10) Methyl Iodide	3.91	142	53300	16.773	ug/l	97
11) Tert butyl alcohol	4.73	59	56437	102.817	ug/l #	84
12) 1,1-Dichloroethene	3.69	96	43557	19.376	ug/l	84
13) Acrolein	3.58	56	9815	94.250	ug/l	100
14) Allyl chloride	4.28	41	90425	19.700	ug/l	97
15) Acrylonitrile	4.93	53	116730	98.889	ug/l	97
16) Acetone	3.78	43	123519	91.148	ug/l	96
17) Carbon Disulfide	4.01	76	123368	18.548	ug/l	96
18) Methyl Acetate	4.27	43	55399	19.503	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	168972	19.563	ug/l	97
20) Methylene Chloride	4.51	84	52609	19.618	ug/l	93
21) trans-1,2-Dichloroethene	4.99	96	49909	19.902	ug/l	89
22) Diisopropyl ether	5.90	45	178516	19.897	ug/l	94
23) Vinyl Acetate	5.84	43	786615	103.630	ug/l	99
24) 1,1-Dichloroethane	5.79	63	99775	19.874	ug/l	98
25) 2-Butanone	6.78	43	183335	96.565	ug/l	96
26) 2,2-Dichloropropane	6.77	77	94404	19.213	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	56232	19.593	ug/l	96
28) Bromochloromethane	7.15	49	47823	19.993	ug/l	99
29) Tetrahydrofuran	7.16	42	123867	100.497	ug/l	99
30) Chloroform	7.33	83	104469	19.495	ug/l	96
31) Cyclohexane	7.61	56	84088	19.161	ug/l #	91
32) 1,1,1-Trichloroethane	7.53	97	100649	19.559	ug/l	98
36) 1,1-Dichloropropene	7.75	75	77128	19.449	ug/l	99
37) Ethyl Acetate	6.88	43	77377	19.316	ug/l	99
38) Carbon Tetrachloride	7.73	117	90805	19.750	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	73214	18.619	ug/l	96
40) Benzene	8.00	78	206295	18.688	ug/l	98
41) Methacrylonitrile	7.13	41	40919m	20.578	ug/l	
42) 1,2-Dichloroethane	8.08	62	92888	19.480	ug/l	100
43) Isopropyl Acetate	8.13	43	131253	19.168	ug/l #	90
44) Trichloroethene	8.80	130	57176	19.772	ug/l	90
45) 1,2-Dichloropropane	9.08	63	56170	19.002	ug/l	94
46) Dibromomethane	9.17	93	41330	19.986	ug/l	99
47) Bromodichloromethane	9.37	83	84692	18.480	ug/l	98
48) Methyl methacrylate	9.16	41	65796	18.624	ug/l	98
49) 1,4-Dioxane	9.17	88	20340	390.604	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	390502	98.106	ug/l	100
52) Toluene	10.12	92	131463	18.873	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	92090	19.004	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	94533	18.951	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	53396	19.420	ug/l	99
56) Ethyl methacrylate	10.40	69	79332	19.060	ug/l	100
57) 1,3-Dichloropropane	10.68	76	92692	19.762	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	203315	89.515	ug/l	98
59) 2-Hexanone	10.72	43	286510	97.733	ug/l	97
60) Dibromochloromethane	10.87	129	61680	18.973	ug/l	98
61) 1,2-Dibromoethane	10.98	107	56279	20.088	ug/l	100
64) Tetrachloroethene	10.60	164	54671	18.237	ug/l	96
65) Chlorobenzene	11.41	112	140445	18.993	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	55855	18.688	ug/l	98
67) Ethyl Benzene	11.48	91	261071	18.990	ug/l	98
68) m/p-Xylenes	11.60	106	191767	37.640	ug/l	99
69) o-Xylene	11.92	106	90584	18.455	ug/l	97
70) Styrene	11.94	104	149128	18.531	ug/l	97
71) Bromoform	12.10	173	44616	19.020	ug/l #	92
73) Isopropylbenzene	12.22	105	241121	18.948	ug/l	99
74) N-amyl acetate	12.05	43	108572	19.383	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	71906	19.439	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	72625m	17.849	ug/l	
77) Bromobenzene	12.50	156	58956	18.920	ug/l	98
78) n-propylbenzene	12.56	91	270853	18.800	ug/l	99
79) 2-Chlorotoluene	12.65	91	175657	19.073	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	207432	19.264	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	26758	18.943	ug/l	93
82) 4-Chlorotoluene	12.75	91	182788	19.482	ug/l	100
83) tert-Butylbenzene	12.97	119	168702	19.093	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	209976	19.516	ug/l	100
85) sec-Butylbenzene	13.14	105	216472	18.932	ug/l	100
86) p-Isopropyltoluene	13.26	119	197236	19.147	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	106712	19.562	ug/l	95
88) 1,4-Dichlorobenzene	13.33	146	102213	18.396	ug/l	97
89) n-Butylbenzene	13.59	91	164666	18.145	ug/l	98
90) Hexachloroethane	13.85	117	38161	19.726	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	102868	18.967	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	19000	20.701	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	51944	18.010	ug/l	96
94) Hexachlorobutadiene	14.98	225	31369	18.848	ug/l	96
95) Naphthalene	15.10	128	160502	18.303	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	51193	18.477	ug/l	96

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

