

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102820\
 Data File : VN064346.D
 Acq On : 28 Oct 2020 12:47
 Operator : JC/MD
 Sample : VN1028WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/29/2020 9:49:52 AM

Quant Time: Oct 29 02:56:57 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	223331	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	372549	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	335737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	161773	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	189601	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	
35) Dibromofluoromethane	7.55	113	125136	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
50) Toluene-d8	10.06	98	451275	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
62) 4-Bromofluorobenzene	12.38	95	175580	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	49172	19.154	ug/l	99
3) Chloromethane	2.03	50	50785	18.300	ug/l	96
4) Vinyl Chloride	2.16	62	50791	18.922	ug/l	96
5) Bromomethane	2.53	94	33849	19.516	ug/l	99
6) Chloroethane	2.67	64	32146	20.042	ug/l	98
7) Trichlorofluoromethane	2.98	101	85353	18.981	ug/l	97
8) Diethyl Ether	3.37	74	28754	20.213	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	45117	19.962	ug/l	95
10) Methyl Iodide	3.90	142	47837	15.861	ug/l	99
11) Tert butyl alcohol	4.73	59	54097	103.836	ug/l #	80
12) 1,1-Dichloroethene	3.69	96	38433	18.013	ug/l	95
13) Acrolein	3.57	56	6183	68.501	ug/l	100
14) Allyl chloride	4.27	41	81822	18.781	ug/l	97
15) Acrylonitrile	4.93	53	114958	102.607	ug/l	98
16) Acetone	3.78	43	120876	94.214	ug/l	95
17) Carbon Disulfide	4.01	76	111360	17.640	ug/l	96
18) Methyl Acetate	4.28	43	52753	19.567	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	166293	20.285	ug/l	98
20) Methylene Chloride	4.51	84	47526	18.673	ug/l	93
21) trans-1,2-Dichloroethene	4.99	96	44964	18.891	ug/l #	89
22) Diisopropyl ether	5.90	45	168036	19.733	ug/l	95
23) Vinyl Acetate	5.84	43	750959	104.236	ug/l	100
24) 1,1-Dichloroethane	5.79	63	90388	18.969	ug/l	96
25) 2-Butanone	6.78	43	180146	99.970	ug/l	96
26) 2,2-Dichloropropane	6.78	77	84816	18.187	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	55023	20.199	ug/l	98
28) Bromochloromethane	7.15	49	46126	20.317	ug/l	98
29) Tetrahydrofuran	7.16	42	110829	94.738	ug/l	98
30) Chloroform	7.33	83	99756	19.613	ug/l	97
31) Cyclohexane	7.61	56	78519	18.851	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	92482	18.935	ug/l	99
36) 1,1-Dichloropropene	7.75	75	71262	18.953	ug/l	97
37) Ethyl Acetate	6.88	43	70960	18.684	ug/l	96
38) Carbon Tetrachloride	7.73	117	83096	19.063	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	70288	18.854	ug/l	93
40) Benzene	8.00	78	198188	18.937	ug/l	98
41) Methacrylonitrile	7.13	41	32310m	17.138	ug/l	
42) 1,2-Dichloroethane	8.08	62	89634	19.827	ug/l	100
43) Isopropyl Acetate	8.13	43	132303	20.379	ug/l #	91
44) Trichloroethene	8.80	130	53686	19.582	ug/l	97
45) 1,2-Dichloropropane	9.08	63	54078	19.296	ug/l	98
46) Dibromomethane	9.17	93	37808	19.284	ug/l	94
47) Bromodichloromethane	9.37	83	80832	18.603	ug/l	98
48) Methyl methacrylate	9.16	41	65311	19.499	ug/l	99
49) 1,4-Dioxane	9.16	88	18624	377.234	ug/l	93
51) 4-Methyl-2-Pentanone	9.95	43	372564	98.725	ug/l	99
52) Toluene	10.12	92	124418	18.840	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	87080	18.954	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	93150	19.696	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	52049	19.966	ug/l	98
56) Ethyl methacrylate	10.40	69	73716	18.680	ug/l	98
57) 1,3-Dichloropropane	10.68	76	86631	19.481	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.66	63	192654	89.466	ug/l	98
59) 2-Hexanone	10.72	43	269075	96.811	ug/l	98
60) Dibromochloromethane	10.87	129	58346	18.930	ug/l	100
61) 1,2-Dibromoethane	10.97	107	52574	19.793	ug/l	99
64) Tetrachloroethene	10.60	164	52430	19.000	ug/l	97
65) Chlorobenzene	11.40	112	136403	20.040	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	52709	19.159	ug/l	97
67) Ethyl Benzene	11.48	91	244621	19.331	ug/l	98
68) m/p-Xylenes	11.59	106	180164	38.418	ug/l	98
69) o-Xylene	11.92	106	84687	18.744	ug/l	99
70) Styrene	11.94	104	147951	19.973	ug/l	98
71) Bromoform	12.10	173	41332	19.142	ug/l #	96
73) Isopropylbenzene	12.22	105	232333	19.175	ug/l	98
74) N-amyl acetate	12.05	43	107326	20.124	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	70217	19.937	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	67864m	17.518	ug/l	
77) Bromobenzene	12.50	156	58347	19.666	ug/l	99
78) n-propylbenzene	12.56	91	261344	19.052	ug/l	97
79) 2-Chlorotoluene	12.65	91	167205	19.068	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	192991	18.824	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	25472	18.940	ug/l	95
82) 4-Chlorotoluene	12.75	91	172154	19.272	ug/l	99
83) tert-Butylbenzene	12.97	119	156271	18.575	ug/l	95
84) 1,2,4-Trimethylbenzene	13.01	105	196849	19.216	ug/l	100
85) sec-Butylbenzene	13.14	105	200377	18.406	ug/l	98
86) p-Isopropyltoluene	13.26	119	184163	18.777	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	99119	19.083	ug/l	97
88) 1,4-Dichlorobenzene	13.33	146	102388	19.354	ug/l	98
89) n-Butylbenzene	13.59	91	160732	18.603	ug/l	99
90) Hexachloroethane	13.85	117	33242	18.047	ug/l	91
91) 1,2-Dichlorobenzene	13.63	146	99004	19.173	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18051	20.656	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	51912	18.804	ug/l	97
94) Hexachlorobutadiene	14.98	225	29720	18.755	ug/l	97
95) Naphthalene	15.10	128	161109	19.166	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	51800	19.499	ug/l	100

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

