

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052820\
 Data File : VN061546.D
 Acq On : 28 May 2020 22:03
 Operator : JC/MD
 Sample : VN0528WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0528WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/29/2020 5:50:22 PM

Quant Time: May 29 02:38:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	323630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	578147	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	543227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	256083	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	206917	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	
35) Dibromofluoromethane	7.55	113	157557	53.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.44%	
50) Toluene-d8	10.06	98	656230	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
62) 4-Bromofluorobenzene	12.38	95	235618	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	67652	18.838	ug/l	99
3) Chloromethane	2.03	50	84982	21.529	ug/l	99
4) Vinyl Chloride	2.16	62	114823	21.227	ug/l	100
5) Bromomethane	2.54	94	67998	21.908	ug/l	98
6) Chloroethane	2.67	64	73938	21.236	ug/l	99
7) Trichlorofluoromethane	2.98	101	138691	19.883	ug/l	99
8) Diethyl Ether	3.37	74	42336	19.849	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	57239	18.492	ug/l	97
10) Methyl Iodide	3.91	142	86903	20.225	ug/l	100
11) Tert butyl alcohol	4.73	59	51683	100.772	ug/l	97
12) 1,1-Dichloroethene	3.69	96	64880	19.619	ug/l	98
13) Acrolein	3.57	56	15699	85.502	ug/l	100
14) Allyl chloride	4.27	41	85123	19.689	ug/l	98
15) Acrylonitrile	4.93	53	142914	99.833	ug/l	98
16) Acetone	3.77	43	111365	101.105	ug/l	95
17) Carbon Disulfide	4.01	76	153774	21.136	ug/l	97
18) Methyl Acetate	4.28	43	68696	19.681	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	227612	20.195	ug/l	99
20) Methylene Chloride	4.50	84	73144	19.820	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	72604	19.468	ug/l	95
22) Diisopropyl ether	5.90	45	195973	20.567	ug/l	97
23) Vinyl Acetate	5.84	43	771176	101.542	ug/l	100
24) 1,1-Dichloroethane	5.80	63	121814	20.160	ug/l	98
25) 2-Butanone	6.79	43	177260	97.001	ug/l	99
26) 2,2-Dichloropropane	6.78	77	96468	17.443	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	85104	20.153	ug/l	99
28) Bromochloromethane	7.15	49	50588	21.506	ug/l	97
29) Tetrahydrofuran	7.17	42	121905	101.165	ug/l	99
30) Chloroform	7.33	83	136331	20.394	ug/l	99
31) Cyclohexane	7.61	56	101865	18.745	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	121341	19.921	ug/l	99
36) 1,1-Dichloropropene	7.75	75	92126	18.000	ug/l	98
37) Ethyl Acetate	6.88	43	76335	18.518	ug/l	96
38) Carbon Tetrachloride	7.73	117	91793	18.594	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	110093	17.452	ug/l	96
40) Benzene	8.00	78	298878	18.926	ug/l	99
41) Methacrylonitrile	7.13	41	36766	19.466	ug/l #	84
42) 1,2-Dichloroethane	8.08	62	99935	18.903	ug/l	100
43) Isopropyl Acetate	8.13	43	142426	19.204	ug/l	99
44) Trichloroethene	8.80	130	86989	17.924	ug/l	98
45) 1,2-Dichloropropane	9.08	63	70759	18.870	ug/l	94
46) Dibromomethane	9.17	93	53841	18.721	ug/l	95
47) Bromodichloromethane	9.37	83	107058	18.789	ug/l	100
48) Methyl methacrylate	9.17	41	61897	18.550	ug/l	96
49) 1,4-Dioxane	9.17	88	17818	344.692	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	399090	95.491	ug/l	99
52) Toluene	10.13	92	192782	18.704	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	111860	18.224	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	121049	18.341	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	77246	18.811	ug/l	97
56) Ethyl methacrylate	10.40	69	108232	18.868	ug/l	99
57) 1,3-Dichloropropane	10.68	76	124509	18.958	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	225498	91.989	ug/l	99
59) 2-Hexanone	10.72	43	278648	92.836	ug/l	99
60) Dibromochloromethane	10.88	129	87176	18.674	ug/l	96
61) 1,2-Dibromoethane	10.98	107	82371	19.233	ug/l	97
64) Tetrachloroethene	10.61	164	87446	17.101	ug/l	99
65) Chlorobenzene	11.41	112	209110	18.519	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	77872	18.521	ug/l	100
67) Ethyl Benzene	11.48	91	354833	18.181	ug/l	99
68) m/p-Xylenes	11.60	106	283779	36.672	ug/l	100
69) o-Xylene	11.92	106	135541	18.441	ug/l	99
70) Styrene	11.94	104	225381	18.517	ug/l	99
71) Bromoform	12.10	173	56483	17.434	ug/l #	98
73) Isopropylbenzene	12.22	105	348530	18.647	ug/l	99
74) N-amyl acetate	12.05	43	114465	19.447	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	101209	19.323	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	87490m	18.788	ug/l	
77) Bromobenzene	12.50	156	88890	18.632	ug/l	95
78) n-propylbenzene	12.56	91	389223	18.654	ug/l	99
79) 2-Chlorotoluene	12.65	91	233988	18.806	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	294221	18.834	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	32348	17.765	ug/l	96
82) 4-Chlorotoluene	12.75	91	244741	18.698	ug/l	98
83) tert-Butylbenzene	12.97	119	247461	17.928	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	297705	19.183	ug/l	100
85) sec-Butylbenzene	13.15	105	324145	18.225	ug/l	99
86) p-Isopropyltoluene	13.26	119	301370	18.399	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	154845	18.328	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	155523	18.070	ug/l	98
89) n-Butylbenzene	13.59	91	249004	18.150	ug/l	98
90) Hexachloroethane	13.85	117	35616	19.662	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	151531	18.768	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	20106	18.822	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	86001	18.213	ug/l	98
94) Hexachlorobutadiene	14.98	225	33580	16.675	ug/l	98
95) Naphthalene	15.10	128	275894	19.196	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	84843	18.275	ug/l	98

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

