

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052820\
 Data File : VN061547.D
 Acq On : 28 May 2020 22:26
 Operator : JC/MD
 Sample : VN0528WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0528WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/29/2020 5:50:24 PM

Quant Time: May 29 02:40:42 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	332175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	583792	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	541474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	255983	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	211645	53.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.96%	
35) Dibromofluoromethane	7.55	113	161406	54.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.00%	
50) Toluene-d8	10.06	98	693537	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
62) 4-Bromofluorobenzene	12.38	95	244461	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	73076	19.764	ug/l 98
3) Chloromethane	2.03	50	79998	19.745	ug/l 100
4) Vinyl Chloride	2.16	62	111281	20.043	ug/l 100
5) Bromomethane	2.54	94	65182	20.460	ug/l 98
6) Chloroethane	2.67	64	71258	19.940	ug/l 100
7) Trichlorofluoromethane	2.98	101	139603	19.499	ug/l 98
8) Diethyl Ether	3.37	74	41839	19.111	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	61300	19.295	ug/l 97
10) Methyl Iodide	3.91	142	86074	19.516	ug/l 98
11) Tert butyl alcohol	4.73	59	49629	94.278	ug/l 100
12) 1,1-Dichloroethene	3.69	96	62845	18.515	ug/l 99
13) Acrolein	3.57	56	15417	80.296	ug/l 93
14) Allyl chloride	4.27	41	83059	18.718	ug/l 99
15) Acrylonitrile	4.93	53	138305	94.128	ug/l 99
16) Acetone	3.78	43	110175	97.221	ug/l 96
17) Carbon Disulfide	4.01	76	152435	20.413	ug/l 97
18) Methyl Acetate	4.27	43	66853	18.660	ug/l 98
19) Methyl tert-butyl Ether	4.99	73	214482	18.541	ug/l 99
20) Methylene Chloride	4.50	84	70835	18.599	ug/l 97
21) trans-1,2-Dichloroethene	4.98	96	70934	18.531	ug/l 97
22) Diisopropyl ether	5.90	45	185038	18.919	ug/l 93
23) Vinyl Acetate	5.84	43	738184	94.698	ug/l 100
24) 1,1-Dichloroethane	5.80	63	117206	18.898	ug/l 98
25) 2-Butanone	6.79	43	172081	91.745	ug/l 99
26) 2,2-Dichloropropane	6.77	77	92421	16.282	ug/l 100
27) cis-1,2-Dichloroethene	6.78	96	83419	19.246	ug/l 97
28) Bromochloromethane	7.15	49	46817	19.250	ug/l 95
29) Tetrahydrofuran	7.17	42	115427	93.325	ug/l 100
30) Chloroform	7.33	83	128602	18.743	ug/l 99
31) Cyclohexane	7.61	56	105977	19.000	ug/l 97
32) 1,1,1-Trichloroethane	7.53	97	117800	18.842	ug/l 98
36) 1,1-Dichloropropene	7.75	75	94991	18.380	ug/l 99
37) Ethyl Acetate	6.88	43	76257	18.320	ug/l 98
38) Carbon Tetrachloride	7.73	117	90982	18.251	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	115829	18.183	ug/l	96
40) Benzene	8.00	78	287150	18.008	ug/l	100
41) Methacrylonitrile	7.12	41	32271	16.921	ug/l	94
42) 1,2-Dichloroethane	8.09	62	97927	18.344	ug/l	99
43) Isopropyl Acetate	8.13	43	133069	17.769	ug/l #	91
44) Trichloroethene	8.80	130	87863	17.929	ug/l	99
45) 1,2-Dichloropropane	9.08	63	69151	18.263	ug/l	95
46) Dibromomethane	9.18	93	52916	18.222	ug/l	95
47) Bromodichloromethane	9.37	83	104033	18.082	ug/l	98
48) Methyl methacrylate	9.17	41	57709	17.128	ug/l	99
49) 1,4-Dioxane	9.17	88	17754	340.133	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	378836	89.768	ug/l	98
52) Toluene	10.12	92	189825	18.239	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	109122	17.606	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	118234	17.742	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	75850	18.293	ug/l	95
56) Ethyl methacrylate	10.40	69	103594	17.885	ug/l	98
57) 1,3-Dichloropropane	10.68	76	120204	18.126	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	224091	90.531	ug/l	100
59) 2-Hexanone	10.72	43	266253	87.849	ug/l	98
60) Dibromochloromethane	10.87	129	81579	17.306	ug/l	100
61) 1,2-Dibromoethane	10.98	107	77968	18.029	ug/l	100
64) Tetrachloroethene	10.60	164	88708	17.404	ug/l	97
65) Chlorobenzene	11.41	112	204702	18.187	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	72572	17.317	ug/l	95
67) Ethyl Benzene	11.48	91	356878	18.345	ug/l	99
68) m/p-Xylenes	11.60	106	281591	36.507	ug/l	100
69) o-Xylene	11.92	106	134459	18.353	ug/l	99
70) Styrene	11.94	104	217803	17.952	ug/l	97
71) Bromoform	12.10	173	52788	16.346	ug/l #	99
73) Isopropylbenzene	12.22	105	354628	18.981	ug/l	99
74) N-amyl acetate	12.05	43	109408	18.595	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	97110	18.548	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	83558m	17.951	ug/l	
77) Bromobenzene	12.50	156	87307	18.307	ug/l	95
78) n-propylbenzene	12.57	91	392062	18.797	ug/l	100
79) 2-Chlorotoluene	12.65	91	233575	18.781	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	294989	18.890	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	30494	16.753	ug/l	95
82) 4-Chlorotoluene	12.75	91	241968	18.493	ug/l	97
83) tert-Butylbenzene	12.97	119	252373	18.291	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	293463	18.917	ug/l	100
85) sec-Butylbenzene	13.15	105	334422	18.810	ug/l	98
86) p-Isopropyltoluene	13.26	119	303581	18.542	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	155829	18.452	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	156549	18.196	ug/l	98
89) n-Butylbenzene	13.59	91	255802	18.653	ug/l	99
90) Hexachloroethane	13.85	117	34227	18.902	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	151417	18.762	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	19336	18.108	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	84799	17.966	ug/l	99
94) Hexachlorobutadiene	14.98	225	34814	17.294	ug/l	99
95) Naphthalene	15.10	128	275873	19.203	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	84882	18.291	ug/l	98

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

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