

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050620\
 Data File : VN061305.D
 Acq On : 6 May 2020 13:27
 Operator : JC/MD
 Sample : VN0506WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0506WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/7/2020 10:36:29 AM

Quant Time: May 07 05:51:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	113986	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	196665	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	180673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	84748	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	95646	53.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.06%	
35) Dibromofluoromethane	7.54	113	56339	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
50) Toluene-d8	10.06	98	251287	53.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.02%	
62) 4-Bromofluorobenzene	12.37	95	92138	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	24052	19.899	ug/l	99
3) Chloromethane	2.03	50	32454	22.169	ug/l	100
4) Vinyl Chloride	2.16	62	35566	21.390	ug/l	99
5) Bromomethane	2.54	94	15669	19.064	ug/l	100
6) Chloroethane	2.67	64	22405	21.259	ug/l	96
7) Trichlorofluoromethane	2.98	101	46042	24.544	ug/l	100
8) Diethyl Ether	3.37	74	18122	23.160	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	26672	22.070	ug/l	99
10) Methyl Iodide	3.91	142	27412	17.649	ug/l	99
11) Tert butyl alcohol	4.73	59	26365	109.123	ug/l	98
12) 1,1-Dichloroethene	3.69	96	24487	20.361	ug/l	97
13) Acrolein	3.56	56	14857	92.275	ug/l	98
14) Allyl chloride	4.27	41	53005	23.770	ug/l	99
15) Acrylonitrile	4.92	53	77093	103.945	ug/l	99
16) Acetone	3.77	43	72949	101.294	ug/l	100
17) Carbon Disulfide	4.00	76	60245	18.134	ug/l	100
18) Methyl Acetate	4.27	43	42107	18.922	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	96064	20.904	ug/l	97
20) Methylene Chloride	4.50	84	29131	20.713	ug/l	100
21) trans-1,2-Dichloroethene	4.98	96	27434	20.949	ug/l	98
22) Diisopropyl ether	5.90	45	113001	21.853	ug/l	98
23) Vinyl Acetate	5.84	43	432181	103.800	ug/l	100
24) 1,1-Dichloroethane	5.79	63	57207	21.174	ug/l	99
25) 2-Butanone	6.78	43	109007	102.138	ug/l	99
26) 2,2-Dichloropropane	6.77	77	51068	22.441	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	31174	20.285	ug/l	95
28) Bromochloromethane	7.15	49	30187	23.573	ug/l	96
29) Tetrahydrofuran	7.16	42	72894	101.393	ug/l	99
30) Chloroform	7.33	83	56434	20.612	ug/l	97
31) Cyclohexane	7.61	56	50066	19.081	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	49460	20.745	ug/l	99
36) 1,1-Dichloropropene	7.75	75	41266	20.961	ug/l	98
37) Ethyl Acetate	6.88	43	45820	19.853	ug/l	100
38) Carbon Tetrachloride	7.73	117	36961	21.923	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	42861	19.413	ug/l	100
40) Benzene	8.00	78	121731	20.755	ug/l	99
41) Methacrylonitrile	7.12	41	19545	20.396	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	48730	21.931	ug/l	99
43) Isopropyl Acetate	8.12	43	77861	20.327	ug/l #	92
44) Trichloroethene	8.80	130	30615	19.309	ug/l	99
45) 1,2-Dichloropropane	9.08	63	33279	21.238	ug/l	97
46) Dibromomethane	9.17	93	20857	21.497	ug/l	98
47) Bromodichloromethane	9.37	83	45170	21.691	ug/l	99
48) Methyl methacrylate	9.16	41	34945	20.217	ug/l	96
49) 1,4-Dioxane	9.16	88	9402	479.202	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	232510	103.127	ug/l	99
52) Toluene	10.12	92	74353	21.046	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	48474	20.658	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	53282	21.479	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	29471	20.914	ug/l	98
56) Ethyl methacrylate	10.40	69	44491	19.857	ug/l	98
57) 1,3-Dichloropropane	10.68	76	52947	21.376	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	118006	103.457	ug/l	99
59) 2-Hexanone	10.72	43	167842	102.326	ug/l	99
60) Dibromochloromethane	10.87	129	30796	20.867	ug/l	99
61) 1,2-Dibromoethane	10.98	107	29309	20.752	ug/l	100
64) Tetrachloroethene	10.60	164	29458	18.825	ug/l	98
65) Chlorobenzene	11.40	112	75323	21.017	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	28605	22.300	ug/l	99
67) Ethyl Benzene	11.48	91	141778	21.132	ug/l	100
68) m/p-Xylenes	11.59	106	102785	41.855	ug/l	97
69) o-Xylene	11.92	106	48741	20.663	ug/l	97
70) Styrene	11.94	104	81136	20.551	ug/l	98
71) Bromoform	12.10	173	20428	21.669	ug/l #	98
73) Isopropylbenzene	12.22	105	133432	21.417	ug/l	100
74) N-amyl acetate	12.04	43	65034	20.614	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	41649	21.439	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	37055m	20.739	ug/l	
77) Bromobenzene	12.50	156	30332	21.090	ug/l	96
78) n-propylbenzene	12.56	91	158417	21.437	ug/l	100
79) 2-Chlorotoluene	12.65	91	93544	21.537	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	112516	21.820	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	14535	20.659	ug/l	95
82) 4-Chlorotoluene	12.75	91	98458	21.507	ug/l	99
83) tert-Butylbenzene	12.97	119	92607	21.299	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	111413	20.971	ug/l	99
85) sec-Butylbenzene	13.15	105	125376	21.150	ug/l	99
86) p-Isopropyltoluene	13.26	119	111619	20.898	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	55812	21.080	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	55829	20.638	ug/l	98
89) n-Butylbenzene	13.59	91	101279	20.685	ug/l	99
90) Hexachloroethane	13.85	117	13852	28.698	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	53488	21.069	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	8404	20.483	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	29984	19.396	ug/l	99
94) Hexachlorobutadiene	14.99	225	14335	22.196	ug/l	99
95) Naphthalene	15.11	128	89550	17.787	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	29507	19.333	ug/l	98

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

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