

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071520\
 Data File : VN062529.D
 Acq On : 15 Jul 2020 12:26
 Operator : JC/MD
 Sample : VN0715WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBS01

Quant Time: Jul 16 01:36:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 00:55:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	207624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	346018	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	319865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	144151	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	163049	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
35) Dibromofluoromethane	7.54	113	116382	54.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.82%	
50) Toluene-d8	10.06	98	463218	54.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.72%	
62) 4-Bromofluorobenzene	12.37	95	170586	55.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.58%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	38871	18.380	ug/l	98
3) Chloromethane	2.04	50	57308	16.888	ug/l	99
4) Vinyl Chloride	2.16	62	51615	18.566	ug/l	100
5) Bromomethane	2.53	94	23123	15.486	ug/l	96
6) Chloroethane	2.67	64	22247	13.739	ug/l	93
7) Trichlorofluoromethane	2.98	101	67089	19.000	ug/l	99
8) Diethyl Ether	3.37	74	31221	19.774	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.72	101	41681	19.913	ug/l	98
10) Methyl Iodide	3.91	142	48422	17.520	ug/l	99
11) Tert butyl alcohol	4.73	59	42881	80.946	ug/l	99
12) 1,1-Dichloroethene	3.69	96	40920	19.202	ug/l	99
13) Acrolein	3.56	56	38497	100.738	ug/l	97
14) Allyl chloride	4.27	41	90423	18.041	ug/l	99
15) Acrylonitrile	4.92	53	123616	88.974	ug/l	99
16) Acetone	3.77	43	103254	76.156	ug/l	97
17) Carbon Disulfide	4.01	76	120208	18.001	ug/l	98
18) Methyl Acetate	4.27	43	58719	17.354	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	157491	19.492	ug/l	97
20) Methylene Chloride	4.50	84	63971	22.067	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	45644	19.771	ug/l	98
22) Diisopropyl ether	5.90	45	192226	19.413	ug/l	99
23) Vinyl Acetate	5.84	43	756397	92.213	ug/l	100
24) 1,1-Dichloroethane	5.79	63	98864	19.322	ug/l	100
25) 2-Butanone	6.78	43	162773	82.204	ug/l	95
26) 2,2-Dichloropropane	6.77	77	78900	20.111	ug/l	100
27) cis-1,2-Dichloroethene	6.77	96	53018	19.827	ug/l	98
28) Bromochloromethane	7.14	49	51900	18.670	ug/l	95
29) Tetrahydrofuran	7.16	42	111834	83.889	ug/l	98
30) Chloroform	7.32	83	93922	20.330	ug/l	97
31) Cyclohexane	7.61	56	88571	18.259	ug/l	94
32) 1,1,1-Trichloroethane	7.52	97	78711	20.482	ug/l	98
36) 1,1-Dichloropropene	7.74	75	68283	19.587	ug/l	99
37) Ethyl Acetate	6.87	43	73195	17.956	ug/l #	86
38) Carbon Tetrachloride	7.73	117	66788	21.310	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	75552	20.300	ug/l	96
40) Benzene	8.00	78	207934	20.238	ug/l	99
41) Methacrylonitrile	7.12	41	33423	19.625	ug/l	94
42) 1,2-Dichloroethane	8.08	62	78641	20.904	ug/l	100
43) Isopropyl Acetate	8.12	43	118594	18.417	ug/l #	92
44) Trichloroethene	8.80	130	48127	21.112	ug/l	99
45) 1,2-Dichloropropane	9.08	63	60470	20.274	ug/l	98
46) Dibromomethane	9.17	93	33875	20.126	ug/l	97
47) Bromodichloromethane	9.37	83	75120	20.875	ug/l	99
48) Methyl methacrylate	9.16	41	53990	17.092	ug/l	96
49) 1,4-Dioxane	9.16	88	15490	336.914	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	349199	90.792	ug/l	99
52) Toluene	10.12	92	124111	20.913	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	84971	21.077	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	92078	20.700	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	48215	20.657	ug/l	96
56) Ethyl methacrylate	10.40	69	76774	18.973	ug/l	98
57) 1,3-Dichloropropane	10.68	76	89745	20.812	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	119485	86.288	ug/l	97
59) 2-Hexanone	10.72	43	243355	87.155	ug/l	99
60) Dibromochloromethane	10.87	129	53369	21.088	ug/l	99
61) 1,2-Dibromoethane	10.98	107	47863	20.314	ug/l	100
64) Tetrachloroethene	10.60	164	40077	21.115	ug/l	94
65) Chlorobenzene	11.40	112	128839	20.725	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	49378	21.539	ug/l	100
67) Ethyl Benzene	11.48	91	240078	20.574	ug/l	98
68) m/p-Xylenes	11.59	106	177080	42.866	ug/l	97
69) o-Xylene	11.92	106	84228	20.941	ug/l	98
70) Styrene	11.94	104	139318	20.958	ug/l	99
71) Bromoform	12.10	173	35269	20.986	ug/l #	98
73) Isopropylbenzene	12.22	105	229946	20.614	ug/l	99
74) N-amyl acetate	12.04	43	95868	17.658	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	72180	19.245	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	65874m	18.624	ug/l	
77) Bromobenzene	12.50	156	52896	20.859	ug/l	93
78) n-propylbenzene	12.56	91	266909	20.484	ug/l	100
79) 2-Chlorotoluene	12.65	91	160905	20.347	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	193093	21.116	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	22994	17.401	ug/l	98
82) 4-Chlorotoluene	12.75	91	163414	20.354	ug/l	99
83) tert-Butylbenzene	12.97	119	158248	20.392	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	191973	21.121	ug/l	99
85) sec-Butylbenzene	13.15	105	214738	20.883	ug/l	100
86) p-Isopropyltoluene	13.26	119	186624	21.028	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	92715	21.193	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	91408	20.306	ug/l	98
89) n-Butylbenzene	13.59	91	152959	19.519	ug/l	99
90) Hexachloroethane	13.85	117	35567	20.372	ug/l	91
91) 1,2-Dichlorobenzene	13.63	146	89703	21.207	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	12912	18.865	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	38322	19.087	ug/l	99
94) Hexachlorobutadiene	14.98	225	25455	22.665	ug/l	96
95) Naphthalene	15.10	128	95762	18.734	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	38677	19.108	ug/l	99

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

