

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
 Data File : VN060980.D
 Acq On : 15 Apr 2020 22:40
 Operator : JC/MD
 Sample : VN0415WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0415WBS02

Manual Integrations
 APPROVED

MMDadoda
 4/16/2020 11:15:19 AM

Quant Time: Apr 16 08:09:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	132317	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	229152	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	209331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	96700	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	93224	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
35) Dibromofluoromethane	7.56	113	68806	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
50) Toluene-d8	10.08	98	267795	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	
62) 4-Bromofluorobenzene	12.39	95	99063	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	20414	15.945	ug/l	99
3) Chloromethane	2.04	50	38209	15.979	ug/l	100
4) Vinyl Chloride	2.17	62	30978	16.564	ug/l	98
5) Bromomethane	2.55	94	16656	20.630	ug/l	98
6) Chloroethane	2.69	64	20236	18.783	ug/l	99
7) Trichlorofluoromethane	3.00	101	41821	18.152	ug/l	97
8) Diethyl Ether	3.38	74	18068	19.522	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.74	101	26011	19.484	ug/l	98
10) Methyl Iodide	3.93	142	18540	15.607	ug/l	99
11) Tert butyl alcohol	4.72	59	30470	114.062	ug/l #	86
12) 1,1-Dichloroethene	3.72	96	25899	18.079	ug/l	100
13) Acrolein	3.58	56	22431	75.763	ug/l	98
14) Allyl chloride	4.29	41	49070	19.475	ug/l	94
15) Acrylonitrile	4.94	53	84357	107.387	ug/l	99
16) Acetone	3.78	43	68917	107.112	ug/l	99
17) Carbon Disulfide	4.03	76	68065	15.622	ug/l	99
18) Methyl Acetate	4.29	43	41138	22.715	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	97049	19.704	ug/l	98
20) Methylene Chloride	4.52	84	30570	19.314	ug/l	95
21) trans-1,2-Dichloroethene	5.01	96	27686	18.133	ug/l	96
22) Diisopropyl ether	5.91	45	112006	21.041	ug/l	99
23) Vinyl Acetate	5.86	43	454015	104.534	ug/l	99
24) 1,1-Dichloroethane	5.82	63	58529	20.169	ug/l	98
25) 2-Butanone	6.80	43	112283	107.845	ug/l	96
26) 2,2-Dichloropropane	6.79	77	41886	18.345	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	32806	18.908	ug/l	96
28) Bromochloromethane	7.17	49	30958	22.298	ug/l	95
29) Tetrahydrofuran	7.18	42	77556	105.281	ug/l	97
30) Chloroform	7.35	83	55573	19.976	ug/l	97
31) Cyclohexane	7.63	56	51977	17.767	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	46831	19.527	ug/l	98
36) 1,1-Dichloropropene	7.77	75	40814	18.394	ug/l	100
37) Ethyl Acetate	6.89	43	49676	20.719	ug/l	99
38) Carbon Tetrachloride	7.75	117	35891	18.047	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	45800	17.369	ug/l	97
40) Benzene	8.02	78	125286	18.704	ug/l	99
41) Methacrylonitrile	7.14	41	19336m	18.897	ug/l	
42) 1,2-Dichloroethane	8.10	62	44411	19.401	ug/l	99
43) Isopropyl Acetate	8.14	43	80928	20.467	ug/l	99
44) Trichloroethene	8.82	130	30841	18.265	ug/l	98
45) 1,2-Dichloropropane	9.10	63	35562	20.120	ug/l	96
46) Dibromomethane	9.19	93	20913	19.572	ug/l	97
47) Bromodichloromethane	9.38	83	43597	19.634	ug/l	99
48) Methyl methacrylate	9.18	41	34478	19.585	ug/l	99
49) 1,4-Dioxane	9.18	88	9636	460.499	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	237737	105.659	ug/l	98
52) Toluene	10.14	92	74974	18.533	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	48692	19.091	ug/l	97
54) cis-1,3-Dichloropropene	9.82	75	52847	18.887	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	30971	19.900	ug/l	99
56) Ethyl methacrylate	10.42	69	47000	19.368	ug/l	97
57) 1,3-Dichloropropane	10.70	76	53384	19.767	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	103045	85.439	ug/l	99
59) 2-Hexanone	10.74	43	170490	105.188	ug/l	98
60) Dibromochloromethane	10.89	129	31274	19.454	ug/l	100
61) 1,2-Dibromoethane	10.99	107	29456	18.822	ug/l	99
64) Tetrachloroethene	10.62	164	27502	16.696	ug/l	99
65) Chlorobenzene	11.42	112	76733	18.491	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	29503	19.636	ug/l	98
67) Ethyl Benzene	11.50	91	145497	18.854	ug/l	100
68) m/p-Xylenes	11.61	106	105057	36.634	ug/l	98
69) o-Xylene	11.94	106	50802	18.557	ug/l	100
70) Styrene	11.96	104	81910	18.294	ug/l	99
71) Bromoform	12.12	173	22347	18.974	ug/l #	98
73) Isopropylbenzene	12.24	105	135820	18.716	ug/l	99
74) N-amyl acetate	12.06	43	64906	19.356	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	45034	20.521	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	39000m	18.691	ug/l	
77) Bromobenzene	12.52	156	32028	18.316	ug/l	95
78) n-propylbenzene	12.58	91	159653	18.621	ug/l	99
79) 2-Chlorotoluene	12.67	91	95271	18.598	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	113899	18.495	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	14450	17.786	ug/l	96
82) 4-Chlorotoluene	12.77	91	98218	18.825	ug/l	98
83) tert-Butylbenzene	12.99	119	97140	19.028	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	113588	18.644	ug/l	100
85) sec-Butylbenzene	13.17	105	131211	19.113	ug/l	99
86) p-Isopropyltoluene	13.28	119	113437	18.376	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	57788	18.737	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	57425	18.533	ug/l	99
89) n-Butylbenzene	13.61	91	104042	18.667	ug/l	100
90) Hexachloroethane	13.87	117	18566	20.691	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	56567	19.181	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	8768	18.908	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	33259	18.365	ug/l	100
94) Hexachlorobutadiene	15.01	225	16297	18.357	ug/l	99
95) Naphthalene	15.13	128	97997	17.991	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	32546	18.245	ug/l	99

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

