

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082020\
 Data File : VN063051.D
 Acq On : 20 Aug 2020 22:26
 Operator : JC/MD
 Sample : VN0820WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBSD02

Manual Integrations
 APPROVED

MMDadoda
 8/21/2020 9:20:43 AM

Quant Time: Aug 21 06:57:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	172368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	267420	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	253330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	117694	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	110900	54.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.58%	
35) Dibromofluoromethane	7.55	113	91582	52.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.12%	
50) Toluene-d8	10.06	98	354605	52.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.96%	
62) 4-Bromofluorobenzene	12.38	95	121083	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	44428	19.896	ug/l	99
3) Chloromethane	2.03	50	50501	21.368	ug/l	98
4) Vinyl Chloride	2.16	62	49239	21.543	ug/l	97
5) Bromomethane	2.52	94	29304	21.601	ug/l	96
6) Chloroethane	2.67	64	29281	21.698	ug/l	99
7) Trichlorofluoromethane	2.98	101	57280	20.096	ug/l	97
8) Diethyl Ether	3.37	74	18413	18.261	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	29940	19.493	ug/l	97
10) Methyl Iodide	3.91	142	37476	19.250	ug/l	98
11) Tert butyl alcohol	4.74	59	25141	86.883	ug/l	98
12) 1,1-Dichloroethene	3.70	96	26511	18.119	ug/l	97
13) Acrolein	3.57	56	4019	44.335	ug/l	98
14) Allyl chloride	4.27	41	48033	18.619	ug/l	99
15) Acrylonitrile	4.93	53	82070	96.496	ug/l	99
16) Acetone	3.78	43	65972	101.224	ug/l	97
17) Carbon Disulfide	4.01	76	72933	19.034	ug/l	99
18) Methyl Acetate	4.28	43	39912	19.660	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	99874	19.573	ug/l	98
20) Methylene Chloride	4.51	84	37065	19.771	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	30251	19.757	ug/l	98
22) Diisopropyl ether	5.91	45	120822	20.639	ug/l	97
23) Vinyl Acetate	5.85	43	368780	93.351	ug/l	99
24) 1,1-Dichloroethane	5.80	63	64462	19.705	ug/l	99
25) 2-Butanone	6.79	43	102887	94.864	ug/l	99
26) 2,2-Dichloropropane	6.78	77	43102	16.754	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	37088	19.325	ug/l	98
28) Bromochloromethane	7.15	49	32884	19.212	ug/l	97
29) Tetrahydrofuran	7.17	42	68034	97.194	ug/l	99
30) Chloroform	7.33	83	65355	19.837	ug/l	100
31) Cyclohexane	7.61	56	58606	19.465	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	52210	19.411	ug/l	99
36) 1,1-Dichloropropene	7.75	75	43757	18.567	ug/l	99
37) Ethyl Acetate	6.89	43	41524	18.804	ug/l	99
38) Carbon Tetrachloride	7.73	117	44815	18.836	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	51105	17.123	ug/l	96
40) Benzene	8.00	78	141166	18.886	ug/l	99
41) Methacrylonitrile	7.13	41	18837m	17.904	ug/l	
42) 1,2-Dichloroethane	8.09	62	50020	19.930	ug/l	99
43) Isopropyl Acetate	8.13	43	67681	18.501	ug/l #	88
44) Trichloroethene	8.80	130	34923	18.784	ug/l	98
45) 1,2-Dichloropropane	9.09	63	41645	19.275	ug/l	100
46) Dibromomethane	9.18	93	24563	19.680	ug/l	98
47) Bromodichloromethane	9.37	83	52693	19.275	ug/l	98
48) Methyl methacrylate	9.17	41	32152	18.575	ug/l	98
49) 1,4-Dioxane	9.17	88	11865	322.029	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	219858	95.079	ug/l	98
52) Toluene	10.12	92	87891	19.493	ug/l	99
53) t-1,3-Dichloropropene	10.36	75	52311	18.504	ug/l	95
54) cis-1,3-Dichloropropene	9.81	75	57471	18.532	ug/l	100
55) 1,1,2-Trichloroethane	10.54	97	37194	19.292	ug/l	99
56) Ethyl methacrylate	10.40	69	48524	17.469	ug/l	97
57) 1,3-Dichloropropane	10.68	76	60638	18.941	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	47295	74.344	ug/l	98
59) 2-Hexanone	10.72	43	151579	93.977	ug/l	96
60) Dibromochloromethane	10.87	129	40218	18.850	ug/l	99
61) 1,2-Dibromoethane	10.98	107	35747	19.297	ug/l	99
64) Tetrachloroethene	10.60	164	32234	19.357	ug/l	97
65) Chlorobenzene	11.41	112	96460	18.959	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	37736	19.069	ug/l	100
67) Ethyl Benzene	11.49	91	159793	18.587	ug/l	99
68) m/p-Xylenes	11.60	106	122914	38.468	ug/l	99
69) o-Xylene	11.92	106	57337	18.687	ug/l	98
70) Styrene	11.94	104	100864	17.852	ug/l	99
71) Bromoform	12.10	173	29284	18.591	ug/l #	99
73) Isopropylbenzene	12.23	105	157680	19.564	ug/l	98
74) N-amyl acetate	12.05	43	56194	19.467	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	54193	19.821	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	45054m	19.694	ug/l	
77) Bromobenzene	12.50	156	43309	19.538	ug/l	99
78) n-propylbenzene	12.57	91	184090	20.039	ug/l	99
79) 2-Chlorotoluene	12.65	91	112117	19.403	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	132314	19.859	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	14431	17.325	ug/l	90
82) 4-Chlorotoluene	12.75	91	116356	19.776	ug/l	99
83) tert-Butylbenzene	12.97	119	113536	19.744	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	128186	19.749	ug/l	99
85) sec-Butylbenzene	13.15	105	151359	19.476	ug/l	100
86) p-Isopropyltoluene	13.26	119	130041	19.204	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	73649	19.333	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	73743	19.072	ug/l	99
89) n-Butylbenzene	13.59	91	99415	17.402	ug/l	99
90) Hexachloroethane	13.85	117	27126	18.847	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	71196	19.348	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	8537	21.032	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	30791	18.268	ug/l	99
94) Hexachlorobutadiene	14.98	225	23982	17.637	ug/l	99
95) Naphthalene	15.10	128	66018	18.114	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	31288	18.372	ug/l	99

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

