

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102120\
 Data File : VN064239.D
 Acq On : 22 Oct 2020 1:16
 Operator : JC/MD
 Sample : VN1021WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 2:10:35 PM

Quant Time: Oct 22 02:52:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	275367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	452352	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	414828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	198317	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	206674	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
35) Dibromofluoromethane	7.55	113	148890	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
50) Toluene-d8	10.06	98	534244	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
62) 4-Bromofluorobenzene	12.37	95	215979	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	63661	19.412	ug/l	100
3) Chloromethane	2.04	50	62989	19.791	ug/l	99
4) Vinyl Chloride	2.16	62	64033	20.294	ug/l	94
5) Bromomethane	2.53	94	39793	19.348	ug/l	99
6) Chloroethane	2.67	64	37649	19.600	ug/l	91
7) Trichlorofluoromethane	2.98	101	108026	20.819	ug/l	100
8) Diethyl Ether	3.37	74	34160	19.902	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	51985	19.374	ug/l	98
10) Methyl Iodide	3.91	142	67715	17.747	ug/l	98
11) Tert butyl alcohol	4.72	59	48819	89.182	ug/l	99
12) 1,1-Dichloroethene	3.70	96	50632	19.619	ug/l	90
13) Acrolein	3.57	56	22028	64.105	ug/l	95
14) Allyl chloride	4.27	41	99343	19.233	ug/l	99
15) Acrylonitrile	4.92	53	104721	92.514	ug/l	# 86
16) Acetone	3.77	43	110524	94.459	ug/l	97
17) Carbon Disulfide	4.01	76	145269	19.733	ug/l	100
18) Methyl Acetate	4.27	43	59467	19.945	ug/l	94
19) Methyl tert-butyl Ether	4.98	73	170485	19.215	ug/l	99
20) Methylene Chloride	4.50	84	59120	18.948	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	55898	19.642	ug/l	97
22) Diisopropyl ether	5.89	45	181635	18.916	ug/l	91
23) Vinyl Acetate	5.84	43	821509	95.934	ug/l	99
24) 1,1-Dichloroethane	5.80	63	111217	19.994	ug/l	99
25) 2-Butanone	6.78	43	169442	91.147	ug/l	98
26) 2,2-Dichloropropane	6.77	77	88565	15.993	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	66905	20.187	ug/l	93
28) Bromochloromethane	7.15	49	49225	18.628	ug/l	96
29) Tetrahydrofuran	7.16	42	102346	92.038	ug/l	97
30) Chloroform	7.32	83	115428	19.454	ug/l	98
31) Cyclohexane	7.61	56	91315	18.837	ug/l	99
32) 1,1,1-Trichloroethane	7.52	97	113809	20.475	ug/l	98
36) 1,1-Dichloropropene	7.75	75	84996	18.847	ug/l	99
37) Ethyl Acetate	6.87	43	76854	18.770	ug/l	97
38) Carbon Tetrachloride	7.73	117	101190	19.721	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	76274	18.600	ug/l	99
40) Benzene	8.00	78	236892	19.029	ug/l	96
41) Methacrylonitrile	7.14	41	41617m	19.376	ug/l	
42) 1,2-Dichloroethane	8.08	62	99851	18.724	ug/l	100
43) Isopropyl Acetate	8.12	43	142508	18.675	ug/l #	92
44) Trichloroethene	8.80	130	66852	19.707	ug/l	89
45) 1,2-Dichloropropane	9.08	63	63460	19.095	ug/l	95
46) Dibromomethane	9.17	93	44070	19.749	ug/l	97
47) Bromodichloromethane	9.37	83	95859	19.443	ug/l	99
48) Methyl methacrylate	9.16	41	69620	17.465	ug/l	97
49) 1,4-Dioxane	9.16	88	16828	360.801	ug/l #	85
51) 4-Methyl-2-Pentanone	9.95	43	375991	92.193	ug/l	99
52) Toluene	10.12	92	151509	19.021	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	103638	18.923	ug/l	98
54) cis-1,3-Dichloropropene	9.80	75	105703	18.330	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	57777	19.205	ug/l	97
56) Ethyl methacrylate	10.40	69	88799	19.089	ug/l	98
57) 1,3-Dichloropropane	10.68	76	101422	19.409	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	215450	89.945	ug/l	98
59) 2-Hexanone	10.72	43	268027	89.989	ug/l	100
60) Dibromochloromethane	10.87	129	71161	18.272	ug/l	99
61) 1,2-Dibromoethane	10.97	107	60203	18.964	ug/l	98
64) Tetrachloroethene	10.60	164	64372	19.275	ug/l	96
65) Chlorobenzene	11.40	112	164835	19.197	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	63881	18.742	ug/l	98
67) Ethyl Benzene	11.48	91	300946	19.071	ug/l	100
68) m/p-Xylenes	11.60	106	218585	37.386	ug/l	100
69) o-Xylene	11.92	106	106679	18.866	ug/l	99
70) Styrene	11.94	104	176436	18.615	ug/l	98
71) Bromoform	12.10	173	48824	18.543	ug/l #	95
73) Isopropylbenzene	12.22	105	287139	18.984	ug/l	99
74) N-amyl acetate	12.04	43	121480	18.587	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	73389	18.284	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	77822m	18.614	ug/l	
77) Bromobenzene	12.50	156	69038	19.334	ug/l	99
78) n-propylbenzene	12.56	91	312455	18.321	ug/l	99
79) 2-Chlorotoluene	12.65	91	200166	19.109	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	234529	18.341	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	26263	15.860	ug/l	92
82) 4-Chlorotoluene	12.75	91	210889	19.301	ug/l	98
83) tert-Butylbenzene	12.97	119	193966	18.501	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	243591	19.139	ug/l	100
85) sec-Butylbenzene	13.14	105	247596	18.733	ug/l	99
86) p-Isopropyltoluene	13.26	119	225015	18.695	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	118155	18.596	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	119647	18.398	ug/l	99
89) n-Butylbenzene	13.59	91	196028	18.169	ug/l	99
90) Hexachloroethane	13.85	117	38843	17.820	ug/l	96
91) 1,2-Dichlorobenzene	13.62	146	113269	18.172	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18957	18.931	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	64957	18.580	ug/l	100
94) Hexachlorobutadiene	14.98	225	31071	16.478	ug/l	95
95) Naphthalene	15.10	128	192177	18.356	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	62426	18.029	ug/l	98

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

