

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022822\
 Data File : VN071109.D
 Acq On : 28 Feb 2022 21:08
 Operator : JC\MD
 Sample : VN0228WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0228WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/01/2022
 Supervised By : Mahesh Dadoda 03/01/2022

Quant Time: Mar 01 04:25:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.081	168	641390	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1044200	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	910887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	363874	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	437024	59.648	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 119.300%			
35) Dibromofluoromethane	8.016	113	341402	54.968	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.940%			
50) Toluene-d8	10.439	98	1335908	53.560	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.120%			
62) 4-Bromofluorobenzene	12.727	95	437012	49.017	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.040%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	120595	18.103	ug/l	97
3) Chloromethane	2.299	50	166097	19.836	ug/l	98
4) Vinyl Chloride	2.440	62	151543	18.079	ug/l	97
5) Bromomethane	2.846	94	85176	17.888	ug/l	98
6) Chloroethane	3.010	64	94241	17.138	ug/l	97
7) Trichlorofluoromethane	3.375	101	209825	19.975	ug/l	97
8) Diethyl Ether	3.828	74	92860	20.335	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.210	101	122003	18.930	ug/l	95
10) Methyl Iodide	4.422	142	151007	16.918	ug/l	98
11) Tert butyl alcohol	5.363	59	163790	122.666	ug/l	98
12) 1,1-Dichloroethene	4.187	96	117413	18.699	ug/l	98
13) Acrolein	4.040	56	106711	89.437	ug/l	97
14) Allyl chloride	4.846	41	246354	20.572	ug/l	87
15) Acrylonitrile	5.545	53	486128	123.601	ug/l	100
16) Acetone	4.281	43	394419	97.750	ug/l	99
17) Carbon Disulfide	4.534	76	276380	15.349	ug/l	99
18) Methyl Acetate	4.857	43	227779	25.486	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	478478	21.723	ug/l	97
20) Methylene Chloride	5.093	84	147138	20.065	ug/l	92
21) trans-1,2-Dichloroethene	5.598	96	126710	18.801	ug/l	98
22) Diisopropyl ether	6.492	45	536633	23.364	ug/l	92
23) Vinyl Acetate	6.428	43	2255544	116.009	ug/l	98
24) 1,1-Dichloroethane	6.387	63	276790	21.497	ug/l	100
25) 2-Butanone	7.328	43	657741	122.537	ug/l	96
26) 2,2-Dichloropropane	7.322	77	204043	19.068	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	158568	20.471	ug/l	91
28) Bromochloromethane	7.651	49	106715	20.478	ug/l	84
29) Tetrahydrofuran	7.681	42	459582	132.167	ug/l	91
30) Chloroform	7.816	83	266153	21.017	ug/l	99
31) Cyclohexane	8.092	56	256946	20.278	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	220810	20.191	ug/l	98
36) 1,1-Dichloropropene	8.216	75	190728	18.744	ug/l	97
37) Ethyl Acetate	7.410	43	275455	25.241	ug/l	97
38) Carbon Tetrachloride	8.204	117	187037	18.655	ug/l	99
39) Methylcyclohexane	9.457	83	226254	17.280	ug/l	93
40) Benzene	8.457	78	603625	20.054	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	141108	24.551	ug/l #	86
42) 1,2-Dichloroethane	8.528	62	214469	20.921	ug/l	97
43) Isopropyl Acetate	8.557	43	415541	24.158	ug/l	96
44) Trichloroethene	9.210	130	142009	17.917	ug/l	95
45) 1,2-Dichloropropane	9.486	63	161338	20.926	ug/l	99
46) Dibromomethane	9.575	93	100490	19.805	ug/l	97
47) Bromodichloromethane	9.757	83	203362	19.831	ug/l	99
48) Methyl methacrylate	9.557	41	188881	23.199	ug/l #	83
49) 1,4-Dioxane	9.563	88	66892	462.568	ug/l	88
51) 4-Methyl-2-Pentanone	10.328	43	1295810	123.816	ug/l	98
52) Toluene	10.498	92	372644	19.703	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	213556	19.152	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	238944	19.513	ug/l	93
55) 1,1,2-Trichloroethane	10.892	97	150681	20.353	ug/l	97
56) Ethyl methacrylate	10.757	69	244703	21.938	ug/l	92
57) 1,3-Dichloropropane	11.039	76	266985	20.849	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	195924	100.720	ug/l	95
59) 2-Hexanone	11.080	43	898955	124.894	ug/l	99
60) Dibromochloromethane	11.233	129	149511	19.109	ug/l	100
61) 1,2-Dibromoethane	11.339	107	149280	19.824	ug/l	100
64) Tetrachloroethene	10.975	164	123357	17.389	ug/l	97
65) Chlorobenzene	11.769	112	383864	19.557	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	143911	20.114	ug/l	99
67) Ethyl Benzene	11.839	91	687916	20.024	ug/l	98
68) m/p-Xylenes	11.951	106	521496	39.299	ug/l	100
69) o-Xylene	12.274	106	264012	20.367	ug/l	98
70) Styrene	12.292	104	401095	19.460	ug/l	98
71) Bromoform	12.451	173	107549	18.874	ug/l #	97
73) Isopropylbenzene	12.574	105	661137	22.573	ug/l	100
74) N-amyl acetate	12.380	43	236890	25.303	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.822	83	234547	25.201	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	174709m	20.392	ug/l	
77) Bromobenzene	12.857	156	152948	21.332	ug/l	84
78) n-propylbenzene	12.916	91	708676	21.535	ug/l	98
79) 2-Chlorotoluene	13.004	91	450399	22.538	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	525770	22.158	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.622	75	59526	22.514	ug/l	93
82) 4-Chlorotoluene	13.098	91	417237	21.508	ug/l	95
83) tert-Butylbenzene	13.316	119	482642	21.448	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	508102	21.753	ug/l	99
85) sec-Butylbenzene	13.498	105	632869	21.343	ug/l	99
86) p-Isopropyltoluene	13.610	119	494252	20.305	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	250729	19.754	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	242795	19.524	ug/l	98
89) n-Butylbenzene	13.939	91	348465	17.546	ug/l	96
90) Hexachloroethane	14.204	117	91252	20.991	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	250171	20.990	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	36728	24.356	ug/l	88
93) 1,2,4-Trichlorobenzene	15.263	180	96819	15.874	ug/l	97
94) Hexachlorobutadiene	15.368	225	69916	16.087	ug/l	100
95) Naphthalene	15.504	128	222779	17.317	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	90652	16.456	ug/l	98

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

