

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069238.D
 Acq On : 28 Oct 2021 00:20
 Operator : JC/MD
 Sample : VN1027WBSD06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBSD06

Manual Integrations
 APPROVED

MMDadoda
 10/29/2021 1:25:43 PM

Quant Time: Oct 28 01:25:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	214558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	389143	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	353964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	143398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	167221	59.112	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 118.220%			
35) Dibromofluoromethane	8.024	113	125877	55.598	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 111.200%			
50) Toluene-d8	10.443	98	487158	53.777	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.560%			
62) 4-Bromofluorobenzene	12.734	95	173474	50.756	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.520%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	48005	18.764	ug/l	100
3) Chloromethane	2.301	50	53051	20.229	ug/l	100
4) Vinyl Chloride	2.443	62	61873	23.228	ug/l	98
5) Bromomethane	2.851	94	43635	29.782	ug/l	100
6) Chloroethane	3.014	64	41180	26.233	ug/l	98
7) Trichlorofluoromethane	3.374	101	83369	22.352	ug/l	98
8) Diethyl Ether	3.827	74	32174	23.126	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.213	101	44799	22.337	ug/l	99
10) Methyl Iodide	4.422	142	55751	19.152	ug/l	98
11) Tert butyl alcohol	5.372	59	67800	131.164	ug/l	98
12) 1,1-Dichloroethene	4.186	96	42398	20.451	ug/l	98
13) Acrolein	4.047	56	11856	51.848	ug/l	99
14) Allyl chloride	4.846	41	72927	19.623	ug/l	97
15) Acrylonitrile	5.557	53	160090	138.217	ug/l	99
16) Acetone	4.291	43	136140	128.959	ug/l	98
17) Carbon Disulfide	4.537	76	90198	16.031	ug/l	96
18) Methyl Acetate	4.857	43	110994	27.719	ug/l	96
19) Methyl tert-butyl Ether	5.618	73	179383	23.237	ug/l	100
20) Methylene Chloride	5.095	84	54317	22.354	ug/l	98
21) trans-1,2-Dichloroethene	5.602	96	45597	20.358	ug/l	99
22) Diisopropyl ether	6.495	45	166790	21.581	ug/l	98
23) Vinyl Acetate	6.436	43	642272	109.925	ug/l	99
24) 1,1-Dichloroethane	6.388	63	95023	22.629	ug/l	99
25) 2-Butanone	7.335	43	221537	138.776	ug/l	97
26) 2,2-Dichloropropane	7.329	77	64192	16.041	ug/l	99
27) cis-1,2-Dichloroethene	7.329	96	58669	21.669	ug/l	97
28) Bromochloromethane	7.659	49	38206	20.088	ug/l	92
29) Tetrahydrofuran	7.686	42	143822	138.895	ug/l	96
30) Chloroform	7.820	83	102286	23.113	ug/l	98
31) Cyclohexane	8.096	56	84080	19.116	ug/l	94
32) 1,1,1-Trichloroethane	8.016	97	89336	21.655	ug/l	99
36) 1,1-Dichloropropene	8.225	75	68596	20.637	ug/l	99
37) Ethyl Acetate	7.413	43	88139	25.675	ug/l	99
38) Carbon Tetrachloride	8.209	117	72401	19.833	ug/l	99
39) Methylcyclohexane	9.462	83	81293	19.002	ug/l	97
40) Benzene	8.461	78	216105	21.351	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	40825	23.592	ug/l	91
42) 1,2-Dichloroethane	8.531	62	84583	23.599	ug/l	100
43) Isopropyl Acetate	8.560	43	140994	23.278	ug/l	99
44) Trichloroethene	9.218	130	53569	21.147	ug/l	97
45) 1,2-Dichloropropane	9.491	63	57333	21.830	ug/l	98
46) Dibromomethane	9.580	93	40010	22.317	ug/l	99
47) Bromodichloromethane	9.765	83	75894	20.428	ug/l	99
48) Methyl methacrylate	9.561	41	60553	21.277	ug/l	86
49) 1,4-Dioxane	9.572	88	28064	523.550	ug/l	92
51) 4-Methyl-2-Pentanone	10.331	43	454869	129.515	ug/l	99
52) Toluene	10.508	92	140306	21.546	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	79135	18.804	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	83570	19.087	ug/l	98
55) 1,1,2-Trichloroethane	10.899	97	57928	22.563	ug/l	98
56) Ethyl methacrylate	10.762	69	94971	22.032	ug/l	96
57) 1,3-Dichloropropane	11.047	76	97383	23.003	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	105976	96.062	ug/l	97
59) 2-Hexanone	11.087	43	336792	133.720	ug/l	100
60) Dibromochloromethane	11.240	129	55623	19.194	ug/l	99
61) 1,2-Dibromoethane	11.347	107	60386	22.931	ug/l	100
64) Tetrachloroethene	10.980	164	47936	21.023	ug/l	98
65) Chlorobenzene	11.771	112	148411	22.157	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	56284	21.469	ug/l	99
67) Ethyl Benzene	11.846	91	271028	21.784	ug/l	100
68) m/p-Xylenes	11.956	106	202345	42.901	ug/l	100
69) o-Xylene	12.283	106	102767	21.768	ug/l	100
70) Styrene	12.296	104	162678	21.168	ug/l	99
71) Bromoform	12.460	173	38140	18.161	ug/l #	97
73) Isopropylbenzene	12.581	105	267247	22.390	ug/l	99
74) N-amyl acetate	12.390	43	104480	23.105	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.827	83	91497	26.526	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	90859m	29.779	ug/l	
77) Bromobenzene	12.862	156	60251	22.828	ug/l	99
78) n-propylbenzene	12.924	91	289916	21.614	ug/l	99
79) 2-Chlorotoluene	13.010	91	184080	22.265	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	216737	21.801	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.626	75	21752	17.056	ug/l	89
82) 4-Chlorotoluene	13.106	91	175095	21.917	ug/l	99
83) tert-Butylbenzene	13.326	119	191941	22.179	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	211880	22.119	ug/l	99
85) sec-Butylbenzene	13.503	105	261861	21.848	ug/l	99
86) p-Isopropyltoluene	13.619	119	203848	21.204	ug/l	100
87) 1,3-Dichlorobenzene	13.619	146	103332	22.634	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	100611	22.205	ug/l	99
89) n-Butylbenzene	13.943	91	156320	19.532	ug/l	99
90) Hexachloroethane	14.214	117	35825	17.740	ug/l	98
91) 1,2-Dichlorobenzene	13.991	146	103352	23.305	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.606	75	17194	25.854	ug/l	98
93) 1,2,4-Trichlorobenzene	15.265	180	44077	19.951	ug/l	98
94) Hexachlorobutadiene	15.373	225	25037	19.827	ug/l	98
95) Naphthalene	15.507	128	138607	23.052	ug/l	100
96) 1,2,3-Trichlorobenzene	15.703	180	45776	21.485	ug/l	99

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

