

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102821\
 Data File : VN069268.D
 Acq On : 29 Oct 2021 00:01
 Operator : JC/MD
 Sample : VN1028WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBSD02

Quant Time: Oct 29 07:55:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/01/2021
 Supervised By : Mahesh Dadoda 11/01/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	228011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	402216	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	371536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	151176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	173713	52.777	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.560%			
35) Dibromofluoromethane	8.021	113	128618	51.298	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.600%			
50) Toluene-d8	10.443	98	515328	51.405	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.820%			
62) 4-Bromofluorobenzene	12.734	95	180399	47.688	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.380%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	53976	20.663	ug/l	100
3) Chloromethane	2.303	50	56543	20.431	ug/l	100
4) Vinyl Chloride	2.443	62	67638	20.899	ug/l	99
5) Bromomethane	2.856	94	47071	24.554	ug/l	97
6) Chloroethane	3.019	64	44148	22.220	ug/l	97
7) Trichlorofluoromethane	3.373	101	103003	25.471	ug/l	97
8) Diethyl Ether	3.821	74	36946	25.683	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.200	101	44750	20.862	ug/l	99
10) Methyl Iodide	4.417	142	56664	19.635	ug/l	97
11) Tert butyl alcohol	5.393	59	61649	104.592	ug/l	98
12) 1,1-Dichloroethene	4.175	96	43848	21.380	ug/l	98
13) Acrolein	4.041	56	12998	89.676	ug/l	99
14) Allyl chloride	4.841	41	72676	20.031	ug/l	97
15) Acrylonitrile	5.559	53	150030	108.061	ug/l	98
16) Acetone	4.291	43	131051	93.451	ug/l	100
17) Carbon Disulfide	4.524	76	99500	18.220	ug/l	99
18) Methyl Acetate	4.859	43	104642	21.958	ug/l	98
19) Methyl tert-butyl Ether	5.618	73	168969	20.940	ug/l	98
20) Methylene Chloride	5.095	84	53616	19.933	ug/l	97
21) trans-1,2-Dichloroethene	5.597	96	45857	19.802	ug/l	97
22) Diisopropyl ether	6.501	45	159046	19.358	ug/l	97
23) Vinyl Acetate	6.439	43	615410m	95.894	ug/l	
24) 1,1-Dichloroethane	6.388	63	91709	21.150	ug/l	99
25) 2-Butanone	7.343	43	206209	96.953	ug/l	99
26) 2,2-Dichloropropane	7.327	77	64951	15.837	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	57280	20.934	ug/l	97
28) Bromochloromethane	7.657	49	31575	14.534	ug/l	99
29) Tetrahydrofuran	7.691	42	136769	100.781	ug/l	97
30) Chloroform	7.820	83	98387	20.872	ug/l	97
31) Cyclohexane	8.096	56	87123	19.778	ug/l	93
32) 1,1,1-Trichloroethane	8.016	97	85689	19.121	ug/l	98
36) 1,1-Dichloropropene	8.223	75	69669	20.092	ug/l	99
37) Ethyl Acetate	7.418	43	81154	20.538	ug/l	99
38) Carbon Tetrachloride	8.206	117	71311	18.687	ug/l	99
39) Methylcyclohexane	9.462	83	83923	19.547	ug/l	96
40) Benzene	8.461	78	216399	20.748	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.641	41	40324	20.700	ug/l	97
42) 1,2-Dichloroethane	8.534	62	81432	20.747	ug/l	98
43) Isopropyl Acetate	8.566	43	132996	19.581	ug/l	100
44) Trichloroethene	9.218	130	53061	20.203	ug/l	100
45) 1,2-Dichloropropane	9.494	63	54583	20.556	ug/l	98
46) Dibromomethane	9.580	93	39161	20.758	ug/l	99
47) Bromodichloromethane	9.762	83	71856	18.499	ug/l	97
48) Methyl methacrylate	9.563	41	57232	19.191	ug/l	90
49) 1,4-Dioxane	9.572	88	27850	406.962	ug/l	94
51) 4-Methyl-2-Pentanone	10.333	43	422256	98.126	ug/l	99
52) Toluene	10.508	92	139972	20.463	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	73987	17.457	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	79703	17.769	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	55721	20.305	ug/l	99
56) Ethyl methacrylate	10.762	69	89706	18.877	ug/l	98
57) 1,3-Dichloropropane	11.047	76	94124	20.561	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	94332	82.966	ug/l	99
59) 2-Hexanone	11.087	43	312330	96.146	ug/l	100
60) Dibromochloromethane	11.240	129	51322	17.753	ug/l	100
61) 1,2-Dibromoethane	11.347	107	58602	19.220	ug/l	100
64) Tetrachloroethene	10.980	164	47689	20.095	ug/l	95
65) Chlorobenzene	11.773	112	145777	19.938	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	51794	18.566	ug/l	99
67) Ethyl Benzene	11.846	91	268053	20.124	ug/l	99
68) m/p-Xylenes	11.956	106	201060	40.522	ug/l	100
69) o-Xylene	12.283	106	100133	20.052	ug/l	98
70) Styrene	12.296	104	162115	18.799	ug/l	100
71) Bromoform	12.460	173	35289	17.315	ug/l #	100
73) Isopropylbenzene	12.581	105	259986	20.459	ug/l	100
74) N-amyl acetate	12.390	43	98720	19.721	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.827	83	88035	21.702	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	68284m	17.174	ug/l	
77) Bromobenzene	12.862	156	59500	19.959	ug/l	98
78) n-propylbenzene	12.921	91	285278	19.833	ug/l	99
79) 2-Chlorotoluene	13.010	91	181627	20.049	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	214215	20.306	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.626	75	19996	17.784	ug/l #	86
82) 4-Chlorotoluene	13.106	91	172603	19.318	ug/l	100
83) tert-Butylbenzene	13.326	119	184982	20.098	ug/l	98
84) 1,2,4-Trimethylbenzene	13.369	105	210622	20.413	ug/l	99
85) sec-Butylbenzene	13.503	105	254828	19.983	ug/l	100
86) p-Isopropyltoluene	13.619	119	199310	19.597	ug/l	100
87) 1,3-Dichlorobenzene	13.619	146	100843	19.335	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	98572	19.510	ug/l	99
89) n-Butylbenzene	13.946	91	153297	17.799	ug/l	100
90) Hexachloroethane	14.211	117	33962	18.208	ug/l	100
91) 1,2-Dichlorobenzene	13.991	146	100007	19.682	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.606	75	15150	19.074	ug/l	99
93) 1,2,4-Trichlorobenzene	15.265	180	44250	19.614	ug/l	99
94) Hexachlorobutadiene	15.370	225	24091	19.267	ug/l	100
95) Naphthalene	15.507	128	141592	20.810	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	46146	20.600	ug/l	98

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

