Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091621\
Data File : VN068502.D
Acq On : 16 Sep 2021 18:19
Operator : JC/MD
Sample : VN0916WBS02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBS02

Manual Integrations APPROVED
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9/17/2021 2:32:58 PM

Quant Time: Sep 17 02:02:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 10 04:04:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.088	168	635789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	960543	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	890057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	437097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	305915	52.454	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.900%			
35) Dibromofluoromethane	8.024	113	287018	49.543	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.080%			
50) Toluene-d8	10.443	98	1089344	51.765	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.540%			
62) 4-Bromofluorobenzene	12.733	95	353185	52.449	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.900%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	90703	17.473	ug/l	99
3) Chloromethane	2.303	50	88106	16.924	ug/l	97
4) Vinyl Chloride	2.443	62	140413	17.836	ug/l	98
5) Bromomethane	2.848	94	144559	18.886	ug/l	99
6) Chloroethane	3.011	64	106111	18.308	ug/l	100
7) Trichlorofluoromethane	3.373	101	176463	17.872	ug/l	97
8) Diethyl Ether	3.827	74	56486	18.968	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.215	101	98858	18.119	ug/l	99
10) Methyl Iodide	4.425	142	139073	17.871	ug/l	99
11) Tert butyl alcohol	5.366	59	85750	98.314	ug/l #	94
12) 1,1-Dichloroethene	4.183	96	90499	18.117	ug/l	96
13) Acrolein	4.041	56	31320	72.321	ug/l	97
14) Allyl chloride	4.843	41	117760	18.560	ug/l	99
15) Acrylonitrile	5.554	53	208150	93.599	ug/l	99
16) Acetone	4.291	43	185385	96.057	ug/l	99
17) Carbon Disulfide	4.535	76	228091	17.006	ug/l	99
18) Methyl Acetate	4.856	43	98272	18.266	ug/l	99
19) Methyl tert-butyl Ether	5.613	73	320385	19.142	ug/l	98
20) Methylene Chloride	5.095	84	109973	19.365	ug/l	98
21) trans-1,2-Dichloroethene	5.599	96	103895	18.218	ug/l	99
22) Diisopropyl ether	6.495	45	266328	19.386	ug/l	97
23) Vinyl Acetate	6.433	43	1010123	98.378	ug/l	100
24) 1,1-Dichloroethane	6.388	63	171939	18.470	ug/l	99
25) 2-Butanone	7.335	43	273389	96.467	ug/l	100
26) 2,2-Dichloropropane	7.327	77	168411	19.595	ug/l	98
27) cis-1,2-Dichloroethene	7.329	96	126355	18.865	ug/l	100
28) Bromochloromethane	7.656	49	64924	17.922	ug/l	99
29) Tetrahydrofuran	7.686	42	179264	96.893	ug/l	98
30) Chloroform	7.817	83	205356	18.647	ug/l	98
31) Cyclohexane	8.099	56	156162	17.669	ug/l	96
32) 1,1,1-Trichloroethane	8.016	97	196270	19.210	ug/l	99
36) 1,1-Dichloropropene	8.225	75	140617	17.559	ug/l	100
37) Ethyl Acetate	7.410	43	112548	18.476	ug/l	100
38) Carbon Tetrachloride	8.209	117	180322	18.796	ug/l	99
39) Methylcyclohexane	9.461	83	177064	17.476	ug/l	99
40) Benzene	8.461	78	441571	18.628	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.638	41	53043	17.695	ug/l		98
42) 1,2-Dichloroethane	8.531	62	151634	18.462	ug/l		99
43) Isopropyl Acetate	8.563	43	198477	18.467	ug/l		99
44) Trichloroethene	9.217	130	139684	18.612	ug/l		97
45) 1,2-Dichloropropane	9.491	63	102398	18.094	ug/l		98
46) Dibromomethane	9.579	93	84176	18.478	ug/l		99
47) Bromodichloromethane	9.764	83	166051	19.210	ug/l		99
48) Methyl methacrylate	9.561	41	81199	18.093	ug/l		91
49) 1,4-Dioxane	9.571	88	41240	400.573	ug/l		98
51) 4-Methyl-2-Pentanone	10.333	43	595984	97.143	ug/l		99
52) Toluene	10.507	92	310976	19.772	ug/l		100
53) t-1,3-Dichloropropene	10.719	75	166722	20.132	ug/l		99
54) cis-1,3-Dichloropropene	10.191	75	175910	19.385	ug/l		99
55) 1,1,2-Trichloroethane	10.899	97	123110	19.724	ug/l		96
56) Ethyl methacrylate	10.762	69	158224	20.411	ug/l		100
57) 1,3-Dichloropropane	11.046	76	184551	19.186	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.041	63	78786	127.329	ug/l		99
59) 2-Hexanone	11.087	43	413116	100.546	ug/l		99
60) Dibromochloromethane	11.240	129	150522	20.491	ug/l		100
61) 1,2-Dibromoethane	11.347	107	133381	20.156	ug/l		99
64) Tetrachloroethene	10.979	164	146917	18.624	ug/l		99
65) Chlorobenzene	11.773	112	350150	19.148	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.843	131	145353	20.219	ug/l		98
67) Ethyl Benzene	11.846	91	578341	19.325	ug/l		100
68) m/p-Xylenes	11.956	106	479974	39.831	ug/l		98
69) o-Xylene	12.283	106	236978	20.184	ug/l		98
70) Styrene	12.296	104	365135	20.518	ug/l		99
71) Bromoform	12.460	173	115106	20.885	ug/l	#	99
73) Isopropylbenzene	12.581	105	596279	19.177	ug/l		100
74) N-amyl acetate	12.390	43	138998	20.043	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.827	83	162515	18.645	ug/l		99
76) 1,2,3-Trichloropropane	12.881	75	118370m	17.156	ug/l		
77) Bromobenzene	12.862	156	163900	19.058	ug/l		96
78) n-propylbenzene	12.924	91	619124	18.858	ug/l		100
79) 2-Chlorotoluene	13.010	91	379592	18.754	ug/l		99
80) 1,3,5-Trimethylbenzene	13.061	105	498111	19.720	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.629	75	42666	21.633	ug/l		99
82) 4-Chlorotoluene	13.106	91	367666	18.837	ug/l		99
83) tert-Butylbenzene	13.326	119	457967	19.858	ug/l		99
84) 1,2,4-Trimethylbenzene	13.372	105	477140	19.696	ug/l		99
85) sec-Butylbenzene	13.503	105	591245	19.443	ug/l		99
86) p-Isopropyltoluene	13.618	119	501831	19.551	ug/l		99
87) 1,3-Dichlorobenzene	13.618	146	284976	19.098	ug/l		99
88) 1,4-Dichlorobenzene	13.696	146	275000	18.698	ug/l		98
89) n-Butylbenzene	13.946	91	348316	18.629	ug/l		99
90) Hexachloroethane	14.211	117	89398	19.843	ug/l		91
91) 1,2-Dichlorobenzene	13.991	146	272777	18.951	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.603	75	27327	19.751	ug/l		92
93) 1,2,4-Trichlorobenzene	15.265	180	123376	18.769	ug/l		99
94) Hexachlorobutadiene	15.372	225	82712	19.471	ug/l		99
95) Naphthalene	15.509	128	247765	16.814	ug/l		99
96) 1,2,3-Trichlorobenzene	15.702	180	111738	17.804	ug/l		99

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

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