Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122121\
Data File : VN070262.D
Acq On : 21 Dec 2021 12:55
Operator : JC/MD
Sample : M5165-01DL 50X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 21 15:25:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
EXCAVATION-INFLUENTDL

Manual Integrations APPROVED

Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.086	168	757225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1315553	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1125500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	402221	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	660260	56.473	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 112.940%			
35) Dibromofluoromethane	8.021	113	434569	52.737	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.480%			
50) Toluene-d8	10.440	98	1455871	44.000	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 88.000%			
62) 4-Bromofluorobenzene	12.731	95	484163	40.391	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 80.780%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.078	85	8171	0.925	ug/l	94
3) Chloromethane	2.306	50	11675	1.055	ug/l	93
4) Vinyl Chloride	2.451	62	13626	1.339	ug/l	91
5) Bromomethane	2.880	94	6611	1.196	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.216	101	4668m	0.624	ug/l	
12) 1,1-Dichloroethene	4.183	96	4891m	0.678	ug/l	
16) Acetone	4.293	43	15359	2.184	ug/l	92
17) Carbon Disulfide	4.532	76	15935	0.855	ug/l	95
18) Methyl Acetate	4.865	43	12100	0.570	ug/l #	71
19) Methyl tert-butyl Ether	5.618	73	21261	0.758	ug/l	93
20) Methylene Chloride	5.098	84	12884	1.378	ug/l #	75
21) trans-1,2-Dichloroethene	5.608	96	6815m	0.870	ug/l	
24) 1,1-Dichloroethane	6.383	63	12113	0.736	ug/l #	95
27) cis-1,2-Dichloroethene	7.327	96	239109	25.262	ug/l	95
28) Bromochloromethane	7.659	49	6183	0.723	ug/l #	82
30) Chloroform	7.820	83	12149	0.731	ug/l	98
38) Carbon Tetrachloride	8.204	117	7256	0.591	ug/l	95
39) Methylcyclohexane	9.459	83	8905	0.598	ug/l #	86
40) Benzene	8.458	78	26181	0.684	ug/l	95
42) 1,2-Dichloroethane	8.531	62	12299	0.796	ug/l	93
44) Trichloroethene	9.215	130	176706	19.340	ug/l	91
45) 1,2-Dichloropropane	9.488	63	6769	0.658	ug/l	91
47) Bromodichloromethane	9.762	83	7789	0.610	ug/l #	87
51) 4-Methyl-2-Pentanone	10.333	43	32088	1.793	ug/l	97
52) Toluene	10.505	92	16199	0.693	ug/l	99
53) t-1,3-Dichloropropene	10.717	75	7649	3.264	ug/l	91
54) cis-1,3-Dichloropropene	10.188	75	8449	2.502	ug/l	94
55) 1,1,2-Trichloroethane	10.896	97	6746	0.715	ug/l	97
59) 2-Hexanone	11.089	43	35269	2.605	ug/l	93
61) 1,2-Dibromoethane	11.342	107	6152	0.630	ug/l	97
64) Tetrachloroethene	10.977	164	1310463	171.714	ug/l	96
65) Chlorobenzene	11.768	112	16033	0.702	ug/l	100
67) Ethyl Benzene	11.846	91	33053	0.797	ug/l	96
68) m/p-Xylenes	11.956	106	16513	1.093	ug/l	82
69) o-Xylene	12.283	106	15623	1.027	ug/l	88
70) Styrene	12.294	104	15458m	0.641	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
71) Bromoform	12.457	173	3695	3.239	ug/l	#	100
73) Isopropylbenzene	12.578	105	30817	0.861	ug/l		95
74) N-amyl acetate	12.393	43	12133	0.767	ug/l	#	89
75) 1,1,2,2-Tetrachloroethane	12.825	83	11397	0.921	ug/l		90
76) 1,2,3-Trichloropropane	12.884	75	11767	1.020	ug/l	#	4
77) Bromobenzene	12.862	156	2085	0.248	ug/l		85
78) n-propylbenzene	12.921	91	25194	0.633	ug/l		99
80) 1,3,5-Trimethylbenzene	13.058	105	89514	3.108	ug/l		97
83) tert-Butylbenzene	13.326	119	5220	0.205	ug/l		87
84) 1,2,4-Trimethylbenzene	13.369	105	143067	5.215	ug/l		97
85) sec-Butylbenzene	13.498	105	15821	0.457	ug/l		87
86) p-Isopropyltoluene	13.616	119	15337	0.567	ug/l		93
87) 1,3-Dichlorobenzene	13.616	146	13566	0.982	ug/l		95
88) 1,4-Dichlorobenzene	13.694	146	14854m	1.095	ug/l		
89) n-Butylbenzene	13.946	91	15869	0.723	ug/l	#	72
91) 1,2-Dichlorobenzene	13.991	146	14684	1.091	ug/l		94
92) 1,2-Dibromo-3-Chloropr...	14.603	75	2538	1.135	ug/l		65
93) 1,2,4-Trichlorobenzene	15.265	180	12715	4.694	ug/l		93
94) Hexachlorobutadiene	15.367	225	1420	0.398	ug/l		78
95) Naphthalene	15.507	128	60207	6.804	ug/l		98
96) 1,2,3-Trichlorobenzene	15.697	180	15596	4.742	ug/l		97

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

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