Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043021\
Data File : BF123770.D
Acq On : 30 Apr 2021 14:47
Operator : JU/CG
Sample : M1458-07
Misc : LOD-MDL-WATER-4PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

Manual Integrations APPROVED
mohammad
5/3/2021 10:49:55 AM

Quant Time: Apr 30 15:08:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 30 14:46:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	204565	20.00	ng		0.00
21) Naphthalene-d8	8.092	136	761775	20.00	ng		0.00
39) Acenaphthene-d10	9.845	164	361572	20.00	ng		0.00
64) Phenanthrene-d10	11.333	188	702066	20.00	ng		0.00
76) Chrysene-d12	13.974	240	549668	20.00	ng		-0.01
86) Perylene-d12	15.433	264	428688	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	1460586	113.12	ng		0.00
7) Phenol-d6	6.445	99	1964441	110.44	ng		0.00
23) Nitrobenzene-d5	7.369	82	1081384	64.08	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	504570	112.10	ng		0.00
45) 2-Fluorobiphenyl	9.169	172	1648741	66.41	ng		0.00
79) Terphenyl-d14	12.921	244	1800461	63.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.510	88	27807	4.00	ng		97
3) Pyridine	3.316	79	46282	2.72	ng		84
4) n-Nitrosodimethylamine	3.187	42	37589	4.01	ng		89
6) Aniline	6.469	93	99136	4.82	ng		97
8) 2-Chlorophenol	6.592	128	62178	4.48	ng		97
9) Benzaldehyde	6.357	77	57217	6.65	ng		99
10) Phenol	6.457	94	83962	4.39	ng		94
11) bis(2-Chloroethyl)ether	6.540	93	61943	4.44	ng		99
12) 1,3-Dichlorobenzene	6.745	146	62121	4.43	ng		99
13) 1,4-Dichlorobenzene	6.828	146	62148	4.38	ng		97
14) 1,2-Dichlorobenzene	6.981	146	60230	4.37	ng		96
15) Benzyl Alcohol	6.945	79	71196	5.11	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.087	45	134409	4.53	ng		99
17) 2-Methylphenol	7.057	107	49864	4.21	ng		99
18) Hexachloroethane	7.322	117	24343	4.33	ng		98
19) n-Nitroso-di-n-propyla...	7.216	70	46956	4.28	ng		97
20) 3+4-Methylphenols	7.216	107	67579	4.49	ng	#	78
22) Acetophenone	7.210	105	95532	4.61	ng	#	97
24) Nitrobenzene	7.387	77	76175	4.33	ng		96
25) Isophorone	7.622	82	121420	3.84	ng		99
26) 2-Nitrophenol	7.704	139	27365	3.81	ng		98
27) 2,4-Dimethylphenol	7.745	122	48624	4.32	ng		96
28) bis(2-Chloroethoxy)met...	7.839	93	73686	4.57	ng		96
29) 2,4-Dichlorophenol	7.951	162	45359	4.08	ng		94
30) 1,2,4-Trichlorobenzene	8.034	180	48692	4.18	ng		100
31) Naphthalene	8.116	128	174229	4.44	ng		100
32) Benzoic acid	7.857	122	8807m	1.24	ng		
33) 4-Chloroaniline	8.163	127	71371	4.36	ng	#	91
34) Hexachlorobutadiene	8.234	225	28594	4.03	ng		92
35) Caprolactam	8.481	113	14247	3.65	ng	#	89
36) 4-Chloro-3-methylphenol	8.639	107	54814	3.96	ng		95
37) 2-Methylnaphthalene	8.804	142	116199	4.55	ng		91
38) 1-Methylnaphthalene	8.904	142	105817	4.40	ng		93
40) 1,2,4,5-Tetrachloroben...	8.969	216	50497	4.75	ng	#	95
41) Hexachlorocyclopentadiene	8.963	237	8986	2.13	ng		96
43) 2,4,6-Trichlorophenol	9.081	196	27092	3.70	ng		92

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44) 2,4,5-Trichlorophenol	9.122	196	29871	3.80	ng		95
46) 1,1'-Biphenyl	9.269	154	141729	4.78	ng		99
47) 2-Chloronaphthalene	9.292	162	101462	4.54	ng		98
48) 2-Nitroaniline	9.386	65	36538	3.71	ng		99
49) Acenaphthylene	9.704	152	166198	4.61	ng		98
50) Dimethylphthalate	9.563	163	113268	4.45	ng		99
51) 2,6-Dinitrotoluene	9.622	165	22390	3.80	ng		94
52) Acenaphthene	9.880	154	99273	4.52	ng		98
53) 3-Nitroaniline	9.792	138	28150	4.00	ng		93
54) 2,4-Dinitrophenol	9.910	184	2950	0.94	ng	#	85
55) Dibenzofuran	10.051	168	148920	4.48	ng		95
56) 4-Nitrophenol	9.963	139	14060	2.75	ng		91
57) 2,4-Dinitrotoluene	10.028	165	32418	4.04	ng	#	96
58) Fluorene	10.392	166	118670	4.65	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.169	232	22485	3.61	ng		96
60) Diethylphthalate	10.263	149	115123	4.25	ng		98
61) 4-Chlorophenyl-phenyle...	10.386	204	52841	4.44	ng		96
62) 4-Nitroaniline	10.398	138	26142	3.75	ng		98
63) Azobenzene	10.545	77	129967	4.17	ng		97
65) 4,6-Dinitro-2-methylph...	10.439	198	9334	2.15	ng	#	79
66) n-Nitrosodiphenylamine	10.504	169	97854	4.26	ng		96
67) 4-Bromophenyl-phenylether	10.875	248	31103	4.21	ng		92
68) Hexachlorobenzene	10.945	284	36791	4.37	ng		93
69) Atrazine	11.027	200	27981	4.03	ng		96
70) Pentachlorophenol	11.139	266	9255	2.16	ng		94
71) Phenanthrene	11.357	178	161464	4.38	ng		99
72) Anthracene	11.410	178	165009	4.51	ng		96
73) Carbazole	11.563	167	155882	4.21	ng		99
74) Di-n-butylphthalate	11.898	149	166675	4.01	ng	#	97
75) Fluoranthene	12.545	202	165306	4.12	ng		97
77) Benzidine	12.669	184	82523	5.80	ng		98
78) Pyrene	12.774	202	180353	4.23	ng		98
80) Butylbenzylphthalate	13.398	149	61604	3.38	ng		94
81) Benzo(a)anthracene	13.963	228	135892	4.08	ng		98
82) 3,3'-Dichlorobenzidine	13.927	252	42072	4.11	ng	#	98
83) Chrysene	13.998	228	141221	4.21	ng		98
84) Bis(2-ethylhexyl)phtha...	13.963	149	77711	3.43	ng		95
85) Di-n-octyl phthalate	14.574	149	107118	2.96	ng		100
87) Indeno(1,2,3-cd)pyrene	16.868	276	92917	3.72	ng		96
88) Benzo(b)fluoranthene	15.004	252	114426	3.96	ng		99
89) Benzo(k)fluoranthene	15.033	252	109167	3.96	ng		98
90) Benzo(a)pyrene	15.368	252	94829	3.84	ng		99
91) Dibenzo(a,h)anthracene	16.886	278	76175	3.61	ng	#	92
92) Benzo(g,h,i)perylene	17.304	276	76936	3.64	ng		95

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

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