Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020322\
Data File : BF126797.D
Acq On : 03 Feb 2022 14:26
Operator : CG/JU
Sample : M4068-08
Misc : LOQ-WATER-5ppm
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 03 14:49:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 02 15:08:47 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.945	152	150569	20.000	ng		0.00
21) Naphthalene-d8	8.228	136	565133	20.000	ng		0.00
39) Acenaphthene-d10	9.986	164	315081	20.000	ng		0.00
64) Phenanthrene-d10	11.480	188	544537	20.000	ng		0.00
76) Chrysene-d12	14.127	240	410560	20.000	ng	#	0.00
86) Perylene-d12	15.639	264	275809	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.569	112	1278300	116.282	ng		0.00
7) Phenol-d6	6.569	99	1856225	122.068	ng		0.00
23) Nitrobenzene-d5	7.510	82	1189299	78.760	ng		0.00
42) 2,4,6-Tribromophenol	10.780	330	405692	124.064	ng		0.00
45) 2-Fluorobiphenyl	9.304	172	1504873	79.085	ng		0.00
79) Terphenyl-d14	13.068	244	1633584	66.561	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.781	88	28053	5.043	ng	#	86
3) Pyridine	3.604	79	63811	4.230	ng	#	81
4) n-Nitrosodimethylamine	3.498	42	23423	5.027	ng	#	63
6) Aniline	6.616	93	112767	5.812	ng		96
8) 2-Chlorophenol	6.734	128	53163	5.289	ng		99
9) Benzaldehyde	6.504	77	62018	6.483	ng		93
10) Phenol	6.581	94	87951	5.404	ng		98
11) bis(2-Chloroethyl)ether	6.681	93	72734	5.547	ng		92
12) 1,3-Dichlorobenzene	6.887	146	60063m	5.307	ng		
13) 1,4-Dichlorobenzene	6.963	146	63439	5.545	ng		94
14) 1,2-Dichlorobenzene	7.122	146	58603	5.271	ng		95
15) Benzyl Alcohol	7.081	79	73730	6.069	ng		91
16) 2,2'-oxybis(1-Chloropr...	7.216	45	77606	5.494	ng		83
17) 2-Methylphenol	7.181	107	53496	5.412	ng		94
18) Hexachloroethane	7.457	117	23788	5.308	ng		97
19) n-Nitroso-di-n-propyla...	7.345	70	54624	5.455	ng	#	84
20) 3+4-Methylphenols	7.334	107	67912	5.455	ng	#	70
22) Acetophenone	7.351	105	89519	5.474	ng	#	88
24) Nitrobenzene	7.528	77	84956	5.668	ng	#	87
25) Isophorone	7.757	82	143183	5.525	ng	#	94
26) 2-Nitrophenol	7.839	139	25173	5.039	ng	#	70
27) 2,4-Dimethylphenol	7.869	122	51844	5.942	ng		88
28) bis(2-Chloroethoxy)met...	7.969	93	89240	5.430	ng	#	96
29) 2,4-Dichlorophenol	8.081	162	44470	5.177	ng		99
30) 1,2,4-Trichlorobenzene	8.169	180	49470	5.356	ng		95
31) Naphthalene	8.251	128	169198	5.728	ng		99
32) Benzoic acid	7.916	122	17949	2.666	ng	#	81
33) 4-Chloroaniline	8.298	127	69957	5.862	ng		97
34) Hexachlorobutadiene	8.363	225	30029	5.186	ng		100
35) Caprolactam	8.622	113	14846	4.750	ng	#	79
36) 4-Chloro-3-methylphenol	8.763	107	57862	5.285	ng		90
37) 2-Methylnaphthalene	8.939	142	110970	6.097	ng		99
38) 1-Methylnaphthalene	9.039	142	100345	5.727	ng		95
40) 1,2,4,5-Tetrachloroben...	9.104	216	48428	5.338	ng		96
41) Hexachlorocyclopentadiene	9.092	237	27927	5.341	ng		92
43) 2,4,6-Trichlorophenol	9.216	196	31865	4.986	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	34171	5.121	ng		92
46) 1,1'-Biphenyl	9.404	154	132577	5.745	ng		96
47) 2-Chloronaphthalene	9.433	162	105145	5.748	ng		97
48) 2-Nitroaniline	9.522	65	37595	5.041	ng		91
49) Acenaphthylene	9.845	152	165994	5.877	ng		97
50) Dimethylphthalate	9.698	163	119399	5.482	ng	#	99
51) 2,6-Dinitrotoluene	9.763	165	24776	5.538	ng		94
52) Acenaphthene	10.022	154	101430	5.633	ng		99
53) 3-Nitroaniline	9.933	138	27329	5.361	ng	#	85
54) 2,4-Dinitrophenol	10.033	184	6248	2.651	ng	#	78
55) Dibenzofuran	10.192	168	149432	5.622	ng		98
56) 4-Nitrophenol	10.075	139	18659	4.833	ng	#	78
57) 2,4-Dinitrotoluene	10.163	165	31651	5.220	ng	#	91
58) Fluorene	10.533	166	115745	5.886	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.304	232	29066	5.033	ng	#	79
60) Diethylphthalate	10.398	149	116403	5.439	ng		99
61) 4-Chlorophenyl-phenyle...	10.527	204	56608	5.691	ng	#	86
62) 4-Nitroaniline	10.539	138	24461	5.056	ng		83
63) Azobenzene	10.686	77	166066	5.593	ng		89
65) 4,6-Dinitro-2-methylph...	10.569	198	11864	3.592	ng		91
66) n-Nitrosodiphenylamine	10.645	169	100154	5.719	ng		98
67) 4-Bromophenyl-phenylether	11.022	248	33015	5.297	ng	#	87
68) Hexachlorobenzene	11.080	284	37844	5.549	ng		90
69) Atrazine	11.163	200	30320	5.336	ng		96
70) Pentachlorophenol	11.274	266	16504	4.148	ng		97
71) Phenanthrene	11.504	178	176500	5.852	ng		98
72) Anthracene	11.551	178	180761	5.984	ng		97
73) Carbazole	11.704	167	150486	5.281	ng		98
74) Di-n-butylphthalate	12.033	149	176336	5.337	ng		99
75) Fluoranthene	12.692	202	171516	5.591	ng		99
77) Benzidine	12.816	184	82039	8.710	ng		98
78) Pyrene	12.921	202	177071	5.397	ng		98
80) Butylbenzylphthalate	13.539	149	59965	4.405	ng	#	92
81) Benzo(a)anthracene	14.115	228	142900	5.216	ng		98
82) 3,3'-Dichlorobenzidine	14.074	252	37348	4.760	ng	#	96
83) Chrysene	14.151	228	141817	5.468	ng		98
84) Bis(2-ethylhexyl)phtha...	14.092	149	83638	4.722	ng		99
85) Di-n-octyl phthalate	14.715	149	103708	4.106	ng	#	94
87) Indeno(1,2,3-cd)pyrene	17.180	276	77136	4.585	ng	#	91
88) Benzo(b)fluoranthene	15.186	252	93610	5.191	ng	#	94
89) Benzo(k)fluoranthene	15.215	252	98518	5.476	ng	#	96
90) Benzo(a)pyrene	15.568	252	84601	5.885	ng	#	94
91) Dibenzo(a,h)anthracene	17.198	278	65981	4.788	ng		96
92) Benzo(g,h,i)perylene	17.645	276	65739	4.830	ng	#	88

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

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