Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121622\
Data File : BF131663.D
Acq On : 16 Dec 2022 13:09
Operator : CG\JU
Sample : PB149631BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 17 04:33:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 16 01:44:46 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB149631BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	78769	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	313867	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	193712	20.000	ng		0.00
64) Phenanthrene-d10	11.433	188	374488	20.000	ng		0.00
76) Chrysene-d12	14.086	240	251940	20.000	ng	#	0.00
86) Perylene-d12	15.586	264	179539	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	636475	134.802	ng		0.02
7) Phenol-d6	6.522	99	810288	130.961	ng		0.00
23) Nitrobenzene-d5	7.451	82	563512	67.878	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	253129	117.614	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	991457	64.534	ng		0.00
79) Terphenyl-d14	13.027	244	1265177	68.868	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.705	88	83527	39.193	ng		96
3) Pyridine	3.452	79	215561	36.431	ng		96
4) n-Nitrosodimethylamine	3.428	42	120906	37.051	ng	#	79
6) Aniline	6.545	93	272611	36.841	ng		99
8) 2-Chlorophenol	6.669	128	222429	44.454	ng		93
9) Benzaldehyde	6.434	77	11016	2.599	ng		96
10) Phenol	6.534	94	318291m	46.119	ng		
11) bis(2-Chloroethyl)ether	6.622	93	235049	45.434	ng		96
12) 1,3-Dichlorobenzene	6.822	146	243281	41.937	ng		97
13) 1,4-Dichlorobenzene	6.898	146	245754	41.999	ng		99
14) 1,2-Dichlorobenzene	7.051	146	233612	41.793	ng		97
15) Benzyl Alcohol	7.028	79	244255	43.061	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	294467	44.064	ng		99
17) 2-Methylphenol	7.140	107	202520	44.910	ng		96
18) Hexachloroethane	7.392	117	98859	41.881	ng		89
19) n-Nitroso-di-n-propyla...	7.298	70	188964	40.730	ng		96
20) 3+4-Methylphenols	7.292	107	257989	42.003	ng	#	88
22) Acetophenone	7.298	105	361531	36.757	ng	#	98
24) Nitrobenzene	7.469	77	301358	35.991	ng		97
25) Isophorone	7.710	82	529049	39.563	ng		98
26) 2-Nitrophenol	7.787	139	120669	42.260	ng		94
27) 2,4-Dimethylphenol	7.822	122	201682	46.082	ng		96
28) bis(2-Chloroethoxy)met...	7.922	93	293218	42.387	ng		99
29) 2,4-Dichlorophenol	8.034	162	205696	38.011	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	237049	35.720	ng		98
31) Naphthalene	8.192	128	642774	36.360	ng		99
32) Benzoic acid	7.957	122	131360	41.444	ng		96
33) 4-Chloroaniline	8.245	127	171211	25.838	ng		97
34) Hexachlorobutadiene	8.304	225	156541	33.469	ng		95
35) Caprolactam	8.622	113	63377m	45.274	ng		
36) 4-Chloro-3-methylphenol	8.734	107	238789	39.296	ng		99
37) 2-Methylnaphthalene	8.886	142	438774	36.293	ng		99
38) 1-Methylnaphthalene	8.986	142	409361	35.272	ng		99
40) 1,2,4,5-Tetrachloroben...	9.051	216	256244	35.734	ng		99
41) Hexachlorocyclopentadiene	9.039	237	284590	78.190	ng		96
43) 2,4,6-Trichlorophenol	9.169	196	161555	36.424	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.216	196	172455	36.154	ng		97
46)	1,1'-Biphenyl	9.357	154	554779	36.222	ng		98
47)	2-Chloronaphthalene	9.381	162	446921	35.815	ng		98
48)	2-Nitroaniline	9.481	65	158757	35.915	ng		92
49)	Acenaphthylene	9.798	152	669467	36.539	ng		99
50)	Dimethylphthalate	9.663	163	544551	36.876	ng		100
51)	2,6-Dinitrotoluene	9.728	165	118309	38.808	ng	#	76
52)	Acenaphthene	9.975	154	502118m	40.908	ng		
53)	3-Nitroaniline	9.898	138	83212	28.449	ng		96
54)	2,4-Dinitrophenol	10.004	184	144978	82.917	ng		97
55)	Dibenzofuran	10.145	168	627425	36.178	ng		98
56)	4-Nitrophenol	10.069	139	174621	85.937	ng	#	79
57)	2,4-Dinitrotoluene	10.133	165	166200	41.098	ng		94
58)	Fluorene	10.492	166	501652	35.581	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.263	232	145292m	35.970	ng		
60)	Diethylphthalate	10.363	149	524736	37.029	ng		99
61)	4-Chlorophenyl-phenyle...	10.480	204	273050	35.045	ng		98
62)	4-Nitroaniline	10.522	138	117656	40.592	ng		90
63)	Azobenzene	10.645	77	573043	35.455	ng		95
65)	4,6-Dinitro-2-methylph...	10.539	198	97102	40.938	ng		99
66)	n-Nitrosodiphenylamine	10.604	169	429844	35.504	ng		99
67)	4-Bromophenyl-phenylether	10.975	248	165915	34.440	ng		96
68)	Hexachlorobenzene	11.039	284	186916	35.870	ng		98
69)	Atrazine	11.133	200	146301	38.053	ng		98
70)	Pentachlorophenol	11.233	266	206402	76.940	ng		98
71)	Phenanthrene	11.457	178	746216	35.749	ng		100
72)	Anthracene	11.510	178	764220	37.631	ng		100
73)	Carbazole	11.669	167	668362	40.320	ng		99
74)	Di-n-butylphthalate	11.992	149	809869	39.824	ng		99
75)	Fluoranthene	12.651	202	851346	39.608	ng		99
77)	Benzidine	12.774	184	231290	34.263	ng		98
78)	Pyrene	12.880	202	858849	34.572	ng		100
80)	Butylbenzylphthalate	13.498	149	301558	41.945	ng		99
81)	Benzo(a)anthracene	14.074	228	660727	36.315	ng		99
82)	3,3'-Dichlorobenzidine	14.039	252	179878	34.749	ng		95
83)	Chrysene	14.116	228	621585	35.936	ng		97
84)	Bis(2-ethylhexyl)phtha...	14.057	149	365688	38.011	ng		97
85)	Di-n-octyl phthalate	14.674	149	512775	33.696	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.115	276	487386	33.264	ng		98
88)	Benzo(b)fluoranthene	15.145	252	508463	42.969	ng		100
89)	Benzo(k)fluoranthene	15.174	252	513388	41.567	ng		99
90)	Benzo(a)pyrene	15.527	252	431341	42.714	ng		98
91)	Dibenzo(a,h)anthracene	17.133	278	418423	34.698	ng		100
92)	Benzo(g,h,i)perylene	17.580	276	412803	34.060	ng		98

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

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