Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
Data File : BF131433.D
Acq On : 28 Nov 2022 17:09
Operator : CG\JU
Sample : N5766-05MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 29 00:56:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 00:18:36 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
CR-5MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.952	152	83567	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	308995	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	174705	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	316302	20.000	ng	0.00
76) Chrysene-d12	14.163	240	210011	20.000	ng	0.00
86) Perylene-d12	15.698	264	173544	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	560517	127.656	ng	0.01
7) Phenol-d6	6.575	99	696103	124.255	ng	0.00
23) Nitrobenzene-d5	7.522	82	466719	76.139	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	214823	146.157	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	868760	72.344	ng	0.00
79) Terphenyl-d14	13.098	244	968490	75.412	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.822	88	87098	41.608	ng	99
3) Pyridine	3.581	79	230401	39.639	ng	97
4) n-Nitrosodimethylamine	3.552	42	158101	46.124	ng	97
6) Aniline	6.616	93	292958m	39.902	ng	
8) 2-Chlorophenol	6.734	128	246378	49.528	ng	99
9) Benzaldehyde	6.505	77	131003	37.476	ng	96
10) Phenol	6.587	94	292302	47.060	ng	96
11) bis(2-Chloroethyl)ether	6.687	93	236613	45.467	ng	99
12) 1,3-Dichlorobenzene	6.893	146	267201	45.070	ng	99
13) 1,4-Dichlorobenzene	6.969	146	270416	44.889	ng	98
14) 1,2-Dichlorobenzene	7.122	146	261848	47.207	ng	97
15) Benzyl Alcohol	7.093	79	231851	50.474	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.222	45	426265	42.830	ng	99
17) 2-Methylphenol	7.199	107	196317	46.304	ng	99
18) Hexachloroethane	7.469	117	103228	47.902	ng	96
19) n-Nitroso-di-n-propyla...	7.369	70	181741	44.315	ng	98
20) 3+4-Methylphenols	7.352	107	248207	45.850	ng	95
22) Acetophenone	7.363	105	349010	44.374	ng	99
24) Nitrobenzene	7.540	77	284375	44.527	ng	99
25) Isophorone	7.781	82	493689	45.143	ng	97
26) 2-Nitrophenol	7.857	139	125733	58.706	ng	89
27) 2,4-Dimethylphenol	7.887	122	220033	51.900	ng	97
28) bis(2-Chloroethoxy)met...	7.987	93	285893	46.026	ng	98
29) 2,4-Dichlorophenol	8.093	162	210432	45.759	ng	98
30) 1,2,4-Trichlorobenzene	8.181	180	244791	42.969	ng	99
31) Naphthalene	8.263	128	694467	42.175	ng	99
32) Benzoic acid	8.004	122	137985	50.941	ng	89
33) 4-Chloroaniline	8.310	127	139622	21.493	ng	97
34) Hexachlorobutadiene	8.375	225	158295	42.911	ng	99
35) Caprolactam	8.687	113	63369m	52.439	ng	
36) 4-Chloro-3-methylphenol	8.793	107	228455	47.816	ng	97
37) 2-Methylnaphthalene	8.957	142	469236	42.058	ng	100
38) 1-Methylnaphthalene	9.057	142	439298	40.605	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	247301	43.620	ng	99
41) Hexachlorocyclopentadiene	9.110	237	308540	121.060	ng	99
43) 2,4,6-Trichlorophenol	9.234	196	162299	50.463	ng	97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.275	196	164595	45.512	ng		96
46)	1,1'-Biphenyl	9.428	154	580320	43.528	ng		100
47)	2-Chloronaphthalene	9.451	162	460103	43.021	ng		99
48)	2-Nitroaniline	9.546	65	162413	50.015	ng		97
49)	Acenaphthylene	9.869	152	697463	42.781	ng		100
50)	Dimethylphthalate	9.728	163	534165	43.884	ng		99
51)	2,6-Dinitrotoluene	9.793	165	118126	48.526	ng		86
52)	Acenaphthene	10.046	154	503814	49.351	ng		99
53)	3-Nitroaniline	9.963	138	77675	31.053	ng		98
54)	2,4-Dinitrophenol	10.069	184	132606	104.776	ng		89
55)	Dibenzofuran	10.216	168	619001	42.146	ng		99
56)	4-Nitrophenol	10.122	139	182231	104.971	ng		98
57)	2,4-Dinitrotoluene	10.198	165	155694	50.833	ng		93
58)	Fluorene	10.563	166	494060	43.102	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.328	232	147019	48.814	ng		99
60)	Diethylphthalate	10.434	149	509539	44.333	ng		99
61)	4-Chlorophenyl-phenyle...	10.551	204	257617	43.841	ng		98
62)	4-Nitroaniline	10.587	138	115398	46.355	ng		98
63)	Azobenzene	10.716	77	514742	41.652	ng		96
65)	4,6-Dinitro-2-methylph...	10.604	198	83912	58.028	ng		88
66)	n-Nitrosodiphenylamine	10.675	169	427559	42.421	ng		100
67)	4-Bromophenyl-phenylether	11.045	248	166434	42.932	ng		99
68)	Hexachlorobenzene	11.110	284	176945	43.005	ng	#	91
69)	Atrazine	11.204	200	155097	49.980	ng		100
70)	Pentachlorophenol	11.304	266	201677	84.090	ng		99
71)	Phenanthrene	11.534	178	718519	42.033	ng		99
72)	Anthracene	11.587	178	733426	43.658	ng		99
73)	Carbazole	11.740	167	634879	44.304	ng		99
74)	Di-n-butylphthalate	12.063	149	784258	46.444	ng		100
75)	Fluoranthene	12.728	202	770953	42.801	ng		99
77)	Benzidine	12.851	184	368082	94.887	ng		95
78)	Pyrene	12.957	202	784723	42.351	ng		99
80)	Butylbenzylphthalate	13.575	149	296874	47.656	ng		99
81)	Benzo(a)anthracene	14.151	228	604953	42.025	ng		99
82)	3,3'-Dichlorobenzidine	14.116	252	125461	32.844	ng	#	99
83)	Chrysene	14.192	228	574904	40.707	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.133	149	390274	47.241	ng		99
85)	Di-n-octyl phthalate	14.763	149	600049	50.284	ng		97
87)	Indeno(1,2,3-cd)pyrene	17.274	276	598607	51.356	ng		98
88)	Benzo(b)fluoranthene	15.239	252	536151	46.505	ng		100
89)	Benzo(k)fluoranthene	15.275	252	492598	41.578	ng		98
90)	Benzo(a)pyrene	15.633	252	449200	47.485	ng		100
91)	Dibenzo(a,h)anthracene	17.298	278	513154	53.325	ng		97
92)	Benzo(g,h,i)perylene	17.757	276	506980	52.785	ng		98

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

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