Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122322\
Data File : BF131805.D
Acq On : 23 Dec 2022 14:25
Operator : CG\JU
Sample : PB149846BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 24 03:04:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 00:05:44 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB149846BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	97384	20.000	ng		0.00
21) Naphthalene-d8	8.139	136	386624	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	248003	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	465281	20.000	ng		0.00
76) Chrysene-d12	14.069	240	289538	20.000	ng		0.00
86) Perylene-d12	15.563	264	191095	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	826341	142.884	ng		0.02
7) Phenol-d6	6.493	99	1079467	138.675	ng		0.00
23) Nitrobenzene-d5	7.428	82	761423	79.951	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	359926	132.594	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1398374	78.986	ng		0.00
79) Terphenyl-d14	13.010	244	1772763	95.424	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.657	88	93283	34.516	ng		97
3) Pyridine	3.399	79	243777	31.634	ng		97
4) n-Nitrosodimethylamine	3.381	42	149674	42.929	ng		97
6) Aniline	6.516	93	223421	23.249	ng	#	88
8) 2-Chlorophenol	6.640	128	289984	46.684	ng		96
9) Benzaldehyde	6.398	77	101839	20.133	ng		98
10) Phenol	6.510	94	401993	43.254	ng		95
11) bis(2-Chloroethyl)ether	6.593	93	315471	47.435	ng		97
12) 1,3-Dichlorobenzene	6.793	146	306599	43.665	ng		96
13) 1,4-Dichlorobenzene	6.869	146	310776	43.299	ng		99
14) 1,2-Dichlorobenzene	7.022	146	298670	44.444	ng		98
15) Benzyl Alcohol	7.004	79	303256	43.618	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	400243	47.197	ng		94
17) 2-Methylphenol	7.116	107	255401	43.554	ng		94
18) Hexachloroethane	7.363	117	127954	44.972	ng		95
19) n-Nitroso-di-n-propyla...	7.275	70	253434	45.143	ng		97
20) 3+4-Methylphenols	7.269	107	334821	44.364	ng		98
22) Acetophenone	7.269	105	470734	41.722	ng	#	93
24) Nitrobenzene	7.445	77	387917	40.066	ng		99
25) Isophorone	7.681	82	717631	44.370	ng		99
26) 2-Nitrophenol	7.757	139	161791	42.759	ng		96
27) 2,4-Dimethylphenol	7.798	122	267761	49.685	ng		99
28) bis(2-Chloroethoxy)met...	7.892	93	403679	47.001	ng		100
29) 2,4-Dichlorophenol	8.004	162	274751	42.230	ng		98
30) 1,2,4-Trichlorobenzene	8.081	180	310922	40.652	ng		99
31) Naphthalene	8.163	128	842272	39.890	ng		99
32) Benzoic acid	7.951	122	209121	48.476	ng		96
33) 4-Chloroaniline	8.216	127	105454	12.806	ng		97
34) Hexachlorobutadiene	8.275	225	209412	40.695	ng		100
35) Caprolactam	8.616	113	77979m	39.750	ng		
36) 4-Chloro-3-methylphenol	8.710	107	323751	43.562	ng		98
37) 2-Methylnaphthalene	8.863	142	594713	41.291	ng		99
38) 1-Methylnaphthalene	8.963	142	551773	39.555	ng		100
40) 1,2,4,5-Tetrachloroben...	9.028	216	340576	40.139	ng		99
41) Hexachlorocyclopentadiene	9.010	237	388858	101.156	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	219732	39.643	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	237600	39.598	ng		99
46) 1,1'-Biphenyl	9.334	154	761454	40.819	ng		99
47) 2-Chloronaphthalene	9.357	162	597570	39.120	ng		99
48) 2-Nitroaniline	9.457	65	220331	40.019	ng		92
49) Acenaphthylene	9.775	152	896716	39.139	ng		100
50) Dimethylphthalate	9.639	163	774995	41.530	ng		100
51) 2,6-Dinitrotoluene	9.704	165	165850	41.333	ng		94
52) Acenaphthene	9.945	154	548376	39.071	ng		100
53) 3-Nitroaniline	9.875	138	86081	20.966	ng		97
54) 2,4-Dinitrophenol	9.986	184	217768	90.575	ng		94
55) Dibenzofuran	10.122	168	846350	39.325	ng		99
56) 4-Nitrophenol	10.051	139	221089	75.237	ng		96
57) 2,4-Dinitrotoluene	10.116	165	222143	41.200	ng	#	89
58) Fluorene	10.469	166	689272	39.612	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	198221	39.570	ng	#	88
60) Diethylphthalate	10.345	149	752495	41.850	ng		98
61) 4-Chlorophenyl-phenyle...	10.457	204	383007	41.414	ng		98
62) 4-Nitroaniline	10.504	138	135791	32.863	ng		97
63) Azobenzene	10.622	77	793350	40.178	ng		99
65) 4,6-Dinitro-2-methylph...	10.528	198	136462	42.719	ng		91
66) n-Nitrosodiphenylamine	10.581	169	594676	41.214	ng		100
67) 4-Bromophenyl-phenylether	10.951	248	234898	42.745	ng		97
68) Hexachlorobenzene	11.016	284	251883	41.676	ng		93
69) Atrazine	11.110	200	132890	27.629	ng		97
70) Pentachlorophenol	11.216	266	279261	87.058	ng		97
71) Phenanthrene	11.439	178	1010812	39.841	ng		99
72) Anthracene	11.492	178	1024924	41.258	ng		99
73) Carbazole	11.645	167	864648	40.231	ng		99
74) Di-n-butylphthalate	11.975	149	1206952	45.100	ng		99
75) Fluoranthene	12.633	202	1118808	39.595	ng		99
77) Benzidine	12.757	184	39591	7.457	ng		97
78) Pyrene	12.863	202	1115476	42.374	ng		99
80) Butylbenzylphthalate	13.480	149	450801	48.554	ng		97
81) Benzo(a)anthracene	14.057	228	835713	40.077	ng		100
82) 3,3'-Dichlorobenzidine	14.021	252	168298	28.908	ng		98
83) Chrysene	14.098	228	773815	39.316	ng		100
84) Bis(2-ethylhexyl)phtha...	14.039	149	615833	55.625	ng		99
85) Di-n-octyl phthalate	14.657	149	843555	54.584	ng		100
87) Indeno(1,2,3-cd)pyrene	17.086	276	588722	45.867	ng		100
88) Benzo(b)fluoranthene	15.127	252	624104	46.163	ng		99
89) Benzo(k)fluoranthene	15.157	252	583808	44.253	ng		98
90) Benzo(a)pyrene	15.504	252	505551	47.208	ng		99
91) Dibenzo(a,h)anthracene	17.104	278	509244	48.009	ng		98
92) Benzo(g,h,i)perylene	17.545	276	487649	46.512	ng		98

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

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