Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
Data File : BF129401.D
Acq On : 28 Jul 2022 10:52
Operator : CG\JU
Sample : PB146497BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 29 02:06:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 25 17:24:17 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB146497BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	241223	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	961594	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	498175	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	819153	20.000	ng		0.00
76) Chrysene-d12	14.069	240	573535	20.000	ng		0.00
86) Perylene-d12	15.557	264	415858	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	1814691	122.548	ng		0.03
7) Phenol-d6	6.534	99	2249730	120.870	ng		0.02
23) Nitrobenzene-d5	7.457	82	1496833	84.973	ng		0.00
42) 2,4,6-Tribromophenol	10.728	330	605831	126.489	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	2514389	78.078	ng		0.00
79) Terphenyl-d14	13.010	244	2681763	88.214	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.775	88	226940	33.967	ng		91
3) Pyridine	3.557	79	551585	29.729	ng		91
4) n-Nitrosodimethylamine	3.505	42	367449	45.100	ng	#	94
6) Aniline	6.551	93	821306	35.495	ng		93
8) 2-Chlorophenol	6.675	128	775302	47.923	ng		96
9) Benzaldehyde	6.440	77	204399	16.171	ng		98
10) Phenol	6.546	94	885929m	44.697	ng		
11) bis(2-Chloroethyl)ether	6.622	93	730541	46.474	ng		93
12) 1,3-Dichlorobenzene	6.828	146	774764	44.652	ng		97
13) 1,4-Dichlorobenzene	6.904	146	782618	44.351	ng		99
14) 1,2-Dichlorobenzene	7.057	146	748606	46.154	ng		99
15) Benzyl Alcohol	7.034	79	641822	47.546	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	987287	41.783	ng		84
17) 2-Methylphenol	7.145	107	593024	44.186	ng		96
18) Hexachloroethane	7.398	117	300981	45.298	ng		94
19) n-Nitroso-di-n-propyla...	7.304	70	497790	44.177	ng		93
20) 3+4-Methylphenols	7.298	107	689546	40.408	ng	#	82
22) Acetophenone	7.298	105	975902	43.591	ng	#	92
24) Nitrobenzene	7.475	77	776039	42.782	ng		95
25) Isophorone	7.710	82	1418665	44.929	ng		100
26) 2-Nitrophenol	7.787	139	402543	44.983	ng		96
27) 2,4-Dimethylphenol	7.828	122	687381m	51.208	ng		
28) bis(2-Chloroethoxy)met...	7.916	93	863504	47.142	ng		99
29) 2,4-Dichlorophenol	8.028	162	600815	43.366	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	637533	44.456	ng		97
31) Naphthalene	8.192	128	2076043	42.494	ng		100
32) Benzoic acid	7.957	122	346259	35.682	ng		97
33) 4-Chloroaniline	8.240	127	579211	28.877	ng		99
34) Hexachlorobutadiene	8.304	225	368974	45.263	ng		99
35) Caprolactam	8.634	113	191042m	42.413	ng		
36) 4-Chloro-3-methylphenol	8.734	107	652874	44.430	ng		94
37) 2-Methylnaphthalene	8.881	142	1352138	42.589	ng		99
38) 1-Methylnaphthalene	8.981	142	1287647	42.013	ng		97
40) 1,2,4,5-Tetrachloroben...	9.051	216	577513	44.149	ng		98
41) Hexachlorocyclopentadiene	9.034	237	624015	107.130	ng		98
43) 2,4,6-Trichlorophenol	9.163	196	407694	42.911	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	423874	41.025	ng	#	93
46) 1,1'-Biphenyl	9.351	154	1578420	43.415	ng		99
47) 2-Chloronaphthalene	9.375	162	1248495	42.479	ng		99
48) 2-Nitroaniline	9.481	65	414097	42.371	ng		86
49) Acenaphthylene	9.792	152	1956758	43.815	ng		99
50) Dimethylphthalate	9.657	163	1451629	42.210	ng		99
51) 2,6-Dinitrotoluene	9.722	165	337187	43.806	ng		92
52) Acenaphthene	9.963	154	1347746m	46.205	ng		
53) 3-Nitroaniline	9.892	138	284956	31.351	ng	#	91
54) 2,4-Dinitrophenol	9.998	184	346307	88.131	ng		95
55) Dibenzofuran	10.139	168	1697402	42.213	ng		96
56) 4-Nitrophenol	10.063	139	530389	79.096	ng		92
57) 2,4-Dinitrotoluene	10.128	165	438921	43.650	ng		95
58) Fluorene	10.481	166	1339010	41.619	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	324451	40.635	ng		91
60) Diethylphthalate	10.351	149	1408814	42.377	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	609301	42.958	ng		90
62) 4-Nitroaniline	10.516	138	360998	40.037	ng		97
63) Azobenzene	10.634	77	1388348	40.944	ng		95
65) 4,6-Dinitro-2-methylph...	10.534	198	221140	42.771	ng		96
66) n-Nitrosodiphenylamine	10.592	169	1182127	43.333	ng		96
67) 4-Bromophenyl-phenylether	10.963	248	402006	44.817	ng		97
68) Hexachlorobenzene	11.028	284	444356	45.719	ng		98
69) Atrazine	11.122	200	365331	44.090	ng		96
70) Pentachlorophenol	11.228	266	425565	80.543	ng		99
71) Phenanthrene	11.445	178	1897602	42.437	ng		99
72) Anthracene	11.498	178	1915928	43.601	ng		99
73) Carbazole	11.657	167	1814405	43.863	ng		99
74) Di-n-butylphthalate	11.975	149	2119978	43.036	ng		99
75) Fluoranthene	12.639	202	1971861	43.522	ng		100
77) Benzidine	12.757	184	595594	29.395	ng		99
78) Pyrene	12.869	202	2000216	41.705	ng		100
80) Butylbenzylphthalate	13.480	149	898899	43.210	ng		92
81) Benzo(a)anthracene	14.057	228	1675040	42.755	ng		100
82) 3,3'-Dichlorobenzidine	14.016	252	467305	36.126	ng	#	99
83) Chrysene	14.098	228	1533721	41.538	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	1182938	43.193	ng		98
85) Di-n-octyl phthalate	14.645	149	1739968	44.149	ng		97
87) Indeno(1,2,3-cd)pyrene	17.074	276	1268795	45.307	ng		99
88) Benzo(b)fluoranthene	15.116	252	1378909	49.987	ng		98
89) Benzo(k)fluoranthene	15.151	252	1269103	46.947	ng		100
90) Benzo(a)pyrene	15.498	252	1213887	54.209	ng		99
91) Dibenzo(a,h)anthracene	17.086	278	1095326	48.056	ng		98
92) Benzo(g,h,i)perylene	17.539	276	1148674	49.319	ng		99

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

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