Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032122\
Data File : BF127419.D
Acq On : 21 Mar 2022 20:06
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 22 01:24:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 22 01:16:08 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

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03/22/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	96778	20.000	ng		0.00
21) Naphthalene-d8	8.133	136	318014	20.000	ng		0.00
39) Acenaphthene-d10	9.892	164	169803	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	316469	20.000	ng		0.00
76) Chrysene-d12	14.027	240	185845	20.000	ng		0.00
86) Perylene-d12	15.504	264	174957	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	649632	107.909	ng		0.00
7) Phenol-d6	6.498	99	894241	107.978	ng		0.01
23) Nitrobenzene-d5	7.428	82	850734	110.479	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	214557	117.378	ng		0.00
45) 2-Fluorobiphenyl	9.210	172	1277186	106.339	ng		0.00
79) Terphenyl-d14	12.968	244	1363957	126.378	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.610	88	156520	50.143	ng		96
3) Pyridine	3.375	79	428265	51.557	ng		99
4) n-Nitrosodimethylamine	3.369	42	239489	52.037	ng		93
6) Aniline	6.528	93	544159	54.981	ng		98
8) 2-Chlorophenol	6.639	128	335512	53.872	ng		93
9) Benzaldehyde	6.410	77	237996	49.299	ng		98
10) Phenol	6.510	94	484785	53.288	ng		83
11) bis(2-Chloroethyl)ether	6.592	93	361522	53.512	ng		98
12) 1,3-Dichlorobenzene	6.792	146	373737	53.460	ng		97
13) 1,4-Dichlorobenzene	6.869	146	376255	53.649	ng		98
14) 1,2-Dichlorobenzene	7.022	146	340398	51.570	ng		97
15) Benzyl Alcohol	7.004	79	323795	52.163	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.128	45	634807	50.070	ng		99
17) 2-Methylphenol	7.110	107	282281	53.316	ng		96
18) Hexachloroethane	7.357	117	139053	51.615	ng		98
19) n-Nitroso-di-n-propyla...	7.275	70	258933	50.103	ng		98
20) 3+4-Methylphenols	7.269	107	324702	47.289	ng		92
22) Acetophenone	7.269	105	444043	50.998	ng	#	97
24) Nitrobenzene	7.445	77	405196	55.634	ng		98
25) Isophorone	7.681	82	707631	57.149	ng		99
26) 2-Nitrophenol	7.757	139	174576	57.880	ng		96
27) 2,4-Dimethylphenol	7.792	122	256921	56.743	ng		95
28) bis(2-Chloroethoxy)met...	7.886	93	432457	55.121	ng		100
29) 2,4-Dichlorophenol	7.998	162	291295	56.177	ng		98
30) 1,2,4-Trichlorobenzene	8.075	180	328517	55.573	ng		97
31) Naphthalene	8.157	128	928002	54.704	ng		98
32) Benzoic acid	7.957	122	162535	57.850	ng		96
33) 4-Chloroaniline	8.210	127	365672	55.611	ng		98
34) Hexachlorobutadiene	8.263	225	215704	54.719	ng		99
35) Caprolactam	8.610	113	90013m	58.109	ng		
36) 4-Chloro-3-methylphenol	8.698	107	309521	55.074	ng		96
37) 2-Methylnaphthalene	8.845	142	583776	52.665	ng		100
38) 1-Methylnaphthalene	8.945	142	567937	53.296	ng		97
40) 1,2,4,5-Tetrachloroben...	9.010	216	311867	58.017	ng		99
41) Hexachlorocyclopentadiene	8.992	237	101574	53.771	ng		98
43) 2,4,6-Trichlorophenol	9.127	196	193874	57.145	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	199498	55.405	ng		98
46) 1,1'-Biphenyl	9.316	154	680282	53.082	ng		98
47) 2-Chloronaphthalene	9.339	162	537732	53.902	ng		96
48) 2-Nitroaniline	9.445	65	222023	57.843	ng		98
49) Acenaphthylene	9.757	152	837625	54.866	ng		99
50) Dimethylphthalate	9.622	163	647430	53.210	ng		99
51) 2,6-Dinitrotoluene	9.686	165	144315	58.634	ng		96
52) Acenaphthene	9.927	154	485693	53.370	ng		97
53) 3-Nitroaniline	9.863	138	154582	57.634	ng		97
54) 2,4-Dinitrophenol	9.969	184	69873	57.612	ng		90
55) Dibenzofuran	10.098	168	743484	52.588	ng		98
56) 4-Nitrophenol	10.027	139	85213	52.270	ng		96
57) 2,4-Dinitrotoluene	10.092	165	172068	53.135	ng	#	87
58) Fluorene	10.445	166	621068	56.652	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	176766	59.074	ng		99
60) Diethylphthalate	10.316	149	614271	55.346	ng		100
61) 4-Chlorophenyl-phenyle...	10.433	204	333190	56.082	ng		99
62) 4-Nitroaniline	10.486	138	149222	55.831	ng		99
63) Azobenzene	10.592	77	722514	56.632	ng		96
65) 4,6-Dinitro-2-methylph...	10.504	198	122773	62.920	ng		89
66) n-Nitrosodiphenylamine	10.557	169	535568	54.491	ng		99
67) 4-Bromophenyl-phenylether	10.921	248	208019	54.528	ng		94
68) Hexachlorobenzene	10.992	284	227194	54.646	ng		96
69) Atrazine	11.080	200	166474	49.085	ng		98
70) Pentachlorophenol	11.192	266	88613	52.789	ng		96
71) Phenanthrene	11.410	178	901291	53.950	ng		99
72) Anthracene	11.463	178	895023	54.097	ng		99
73) Carbazole	11.621	167	846929	54.360	ng		100
74) Di-n-butylphthalate	11.933	149	920196	50.496	ng		99
75) Fluoranthene	12.598	202	1001921	53.638	ng		99
77) Benzidine	12.721	184	265816	56.245	ng		99
78) Pyrene	12.827	202	1005026	69.430	ng		99
80) Butylbenzylphthalate	13.433	149	315889	56.702	ng		99
81) Benzo(a)anthracene	14.015	228	700572	55.986	ng		99
82) 3,3'-Dichlorobenzidine	13.980	252	207754	53.397	ng		95
83) Chrysene	14.057	228	666396	57.256	ng		99
84) Bis(2-ethylhexyl)phtha...	13.986	149	346785	46.242	ng		99
85) Di-n-octyl phthalate	14.604	149	480179	42.304	ng		100
87) Indeno(1,2,3-cd)pyrene	17.015	276	741649	70.367	ng		100
88) Benzo(b)fluoranthene	15.074	252	574688	50.042	ng		99
89) Benzo(k)fluoranthene	15.104	252	579763	53.691	ng		100
90) Benzo(a)pyrene	15.445	252	508862	56.270	ng		98
91) Dibenzo(a,h)anthracene	17.021	278	603868	68.840	ng		95
92) Benzo(g,h,i)perylene	17.468	276	634311	74.131	ng		99

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

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