Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081523\
Data File : BF134774.D
Acq On : 15 Aug 2023 08:33
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 16 03:07:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 09:29:15 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
08/16/2023
Supervised By :Sohil Vodhani
08/16/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	274911	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	1074898	20.000	ng	#	0.00
39) Acenaphthene-d10	9.839	164	561351	20.000	ng		0.00
64) Phenanthrene-d10	11.327	188	1033330	20.000	ng	#	0.00
76) Chrysene-d12	13.980	240	593602	20.000	ng	#	0.00
86) Perylene-d12	15.451	264	544030	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	1216561	67.269	ng		0.00
7) Phenol-d6	6.451	99	1588442	68.709	ng		0.01
23) Nitrobenzene-d5	7.375	82	1436288	83.503	ng		0.00
42) 2,4,6-Tribromophenol	10.633	330	506664	88.540	ng		0.00
45) 2-Fluorobiphenyl	9.163	172	2348446	69.560	ng		0.00
79) Terphenyl-d14	12.927	244	2604093	77.336	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.569	88	274013	32.931	ng	#	93
3) Pyridine	3.328	79	767891	34.057	ng		90
4) n-Nitrosodimethylamine	3.310	42	347011	32.210	ng	#	56
6) Aniline	6.475	93	1044894	34.459	ng		93
8) 2-Chlorophenol	6.592	128	663843	36.388	ng		96
9) Benzaldehyde	6.357	77	429461	37.867	ng		97
10) Phenol	6.463	94	803073m	35.250	ng		
11) bis(2-Chloroethyl)ether	6.551	93	672363	37.151	ng		91
12) 1,3-Dichlorobenzene	6.745	146	700104	37.091	ng		94
13) 1,4-Dichlorobenzene	6.822	146	693355	36.652	ng		98
14) 1,2-Dichlorobenzene	6.975	146	630711	35.783	ng		97
15) Benzyl Alcohol	6.951	79	558281	35.005	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.081	45	999341	35.246	ng		92
17) 2-Methylphenol	7.063	107	602870	37.396	ng		94
18) Hexachloroethane	7.310	117	263210	39.644	ng		96
19) n-Nitroso-di-n-propyla...	7.228	70	489039	35.331	ng		90
20) 3+4-Methylphenols	7.216	107	631027	32.457	ng	#	82
22) Acetophenone	7.222	105	824569	33.229	ng	#	91
24) Nitrobenzene	7.392	77	727364	39.143	ng		95
25) Isophorone	7.634	82	1436243	38.284	ng		99
26) 2-Nitrophenol	7.704	139	377828	47.804	ng	#	85
27) 2,4-Dimethylphenol	7.739	122	594208	35.498	ng		88
28) bis(2-Chloroethoxy)met...	7.839	93	828790	36.931	ng		100
29) 2,4-Dichlorophenol	7.945	162	593621	39.073	ng		99
30) 1,2,4-Trichlorobenzene	8.022	180	620671	38.311	ng		99
31) Naphthalene	8.104	128	1926193	35.655	ng		98
32) Benzoic acid	7.886	122	443571	41.832	ng		91
33) 4-Chloroaniline	8.157	127	835806	34.723	ng		98
34) Hexachlorobutadiene	8.222	225	378090	40.459	ng		96
35) Caprolactam	8.551	113	193360m	39.448	ng		
36) 4-Chloro-3-methylphenol	8.645	107	624571	38.818	ng		90
37) 2-Methylnaphthalene	8.798	142	1285947	35.912	ng		100
38) 1-Methylnaphthalene	8.898	142	1191764	35.791	ng		96
40) 1,2,4,5-Tetrachloroben...	8.963	216	611944	37.488	ng		99
41) Hexachlorocyclopentadiene	8.945	237	317981	40.058	ng		92
43) 2,4,6-Trichlorophenol	9.075	196	423585	39.650	ng		97

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44) 2,4,5-Trichlorophenol	9.116	196	474933	38.897	ng		93
46) 1,1'-Biphenyl	9.263	154	1536058	35.188	ng		98
47) 2-Chloronaphthalene	9.286	162	1176312	35.963	ng		99
48) 2-Nitroaniline	9.386	65	404555	40.222	ng		91
49) Acenaphthylene	9.704	152	1755623	34.146	ng		98
50) Dimethylphthalate	9.575	163	1525666	39.876	ng		99
51) 2,6-Dinitrotoluene	9.633	165	332523	42.708	ng	#	85
52) Acenaphthene	9.875	154	1209674m	36.306	ng		
53) 3-Nitroaniline	9.804	138	368905	43.259	ng		95
54) 2,4-Dinitrophenol	9.910	184	165329	60.006	ng		84
55) Dibenzofuran	10.051	168	1624829	34.256	ng		95
56) 4-Nitrophenol	9.963	139	258879	37.117	ng	#	75
57) 2,4-Dinitrotoluene	10.039	165	397464	42.336	ng		94
58) Fluorene	10.392	166	1191946	34.501	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.169	232	389485	40.320	ng		96
60) Diethylphthalate	10.269	149	1385400	38.202	ng		96
61) 4-Chlorophenyl-phenyle...	10.380	204	619844	36.501	ng		97
62) 4-Nitroaniline	10.422	138	362826	43.408	ng		86
63) Azobenzene	10.545	77	1354377	34.760	ng		98
65) 4,6-Dinitro-2-methylph...	10.451	198	242601	56.259	ng		79
66) n-Nitrosodiphenylamine	10.510	169	1163257	35.368	ng		99
67) 4-Bromophenyl-phenylether	10.874	248	442403	39.110	ng		97
68) Hexachlorobenzene	10.939	284	463414	38.796	ng		95
69) Atrazine	11.039	200	357567	40.335	ng		96
70) Pentachlorophenol	11.133	266	312081	42.196	ng		96
71) Phenanthrene	11.357	178	1845708	33.628	ng		99
72) Anthracene	11.410	178	1916952	34.192	ng		98
73) Carbazole	11.563	167	1709306	34.147	ng		100
74) Di-n-butylphthalate	11.898	149	2085019	39.206	ng		98
75) Fluoranthene	12.545	202	1956284	33.742	ng		97
77) Benzidine	12.669	184	400702	31.096	ng		98
78) Pyrene	12.774	202	1939940	37.768	ng		96
80) Butylbenzylphthalate	13.404	149	806478	46.432	ng	#	96
81) Benzo(a)anthracene	13.968	228	1390200	32.753	ng		99
82) 3,3'-Dichlorobenzidine	13.933	252	491832	39.975	ng	#	98
83) Chrysene	14.010	228	1432431	34.639	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	892501	43.665	ng		98
85) Di-n-octyl phthalate	14.580	149	1493746	48.057	ng		99
87) Indeno(1,2,3-cd)pyrene	16.951	276	1369705	42.809	ng	#	92
88) Benzo(b)fluoranthene	15.021	252	1274880	38.423	ng	#	98
89) Benzo(k)fluoranthene	15.051	252	1207809m	36.542	ng		
90) Benzo(a)pyrene	15.386	252	1173336	37.928	ng	#	96
91) Dibenzo(a,h)anthracene	16.974	278	1110469	42.946	ng	#	96
92) Benzo(g,h,i)perylene	17.409	276	1125759	42.681	ng	#	94

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

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