Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071321\
Data File : BF124558.D
Acq On : 13 Jul 2021 21:52
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
7/14/2021 12:16:10 PM

Quant Time: Jul 14 02:35:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 08 07:49:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	8202	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	31811	20.000	ng		0.00
39) Acenaphthene-d10	9.969	164	16921	20.000	ng		0.00
64) Phenanthrene-d10	11.457	188	29486	20.000	ng		0.00
76) Chrysene-d12	14.098	240	17976	20.000	ng		0.00
86) Perylene-d12	15.592	264	13034	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.545	112	38233	80.763	ng		0.00
7) Phenol-d6	6.551	99	47976	83.307	ng		0.00
23) Nitrobenzene-d5	7.498	82	40561	80.491	ng		0.00
42) 2,4,6-Tribromophenol	10.763	330	10961	83.242	ng		0.00
45) 2-Fluorobiphenyl	9.292	172	95951	82.690	ng		0.00
79) Terphenyl-d14	13.045	244	95285	89.009	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.822	88	7170	45.372	ng	#	100
3) Pyridine	3.563	79	16929	42.627	ng		96
4) n-Nitrosodimethylamine	3.540	42	13806	42.770	ng		97
6) Aniline	6.598	93	25358	41.791	ng		97
8) 2-Chlorophenol	6.716	128	22527	42.445	ng		96
9) Benzaldehyde	6.481	77	12098	35.808	ng	#	86
10) Phenol	6.563	94	23248	41.348	ng		96
11) bis(2-Chloroethyl)ether	6.663	93	18354	42.106	ng		97
12) 1,3-Dichlorobenzene	6.869	146	25333	43.611	ng		95
13) 1,4-Dichlorobenzene	6.945	146	25278	42.605	ng		98
14) 1,2-Dichlorobenzene	7.098	146	23195	41.137	ng		98
15) Benzyl Alcohol	7.069	79	16317	40.948	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.198	45	31185	41.507	ng		98
17) 2-Methylphenol	7.169	107	16018	41.233	ng		98
18) Hexachloroethane	7.445	117	9517	42.596	ng	#	88
19) n-Nitroso-di-n-propyla...	7.345	70	13782	42.566	ng		97
20) 3+4-Methylphenols	7.328	107	21691	42.410	ng		88
22) Acetophenone	7.339	105	29566	40.953	ng	#	98
24) Nitrobenzene	7.516	77	20312	40.650	ng		96
25) Isophorone	7.751	82	36172	39.102	ng		97
26) 2-Nitrophenol	7.828	139	12044	44.683	ng		95
27) 2,4-Dimethylphenol	7.857	122	18662	41.783	ng		97
28) bis(2-Chloroethoxy)met...	7.957	93	21466	39.780	ng		99
29) 2,4-Dichlorophenol	8.063	162	18707	40.606	ng		98
30) 1,2,4-Trichlorobenzene	8.151	180	20527	40.263	ng		99
31) Naphthalene	8.233	128	68092	41.385	ng		97
32) Benzoic acid	7.986	122	13197	39.902	ng		100
33) 4-Chloroaniline	8.280	127	24969	40.159	ng		99
34) Hexachlorobutadiene	8.351	225	12085	41.995	ng		100
35) Caprolactam	8.663	113	4811m	41.286	ng		
36) 4-Chloro-3-methylphenol	8.757	107	18277	40.120	ng		93
37) 2-Methylnaphthalene	8.927	142	45232	40.740	ng		100
38) 1-Methylnaphthalene	9.027	142	41892	40.177	ng		100
40) 1,2,4,5-Tetrachloroben...	9.092	216	19669	43.583	ng		96
41) Hexachlorocyclopentadiene	9.075	237	11821	41.931	ng		97
43) 2,4,6-Trichlorophenol	9.198	196	13867	42.561	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.233	196	13851	41.219	ng		94
46) 1,1'-Biphenyl	9.392	154	53906	41.946	ng		98
47) 2-Chloronaphthalene	9.416	162	42402	42.082	ng		97
48) 2-Nitroaniline	9.510	65	10484	43.269	ng		88
49) Acenaphthylene	9.833	152	64693	41.143	ng		98
50) Dimethylphthalate	9.692	163	48839	41.485	ng		98
51) 2,6-Dinitrotoluene	9.751	165	10336	44.536	ng		88
52) Acenaphthene	10.004	154	42771	42.541	ng		98
53) 3-Nitroaniline	9.922	138	11291	43.598	ng		99
54) 2,4-Dinitrophenol	10.022	184	5427	44.814	ng		94
55) Dibenzofuran	10.180	168	61142	41.361	ng		96
56) 4-Nitrophenol	10.069	139	9382	43.526	ng		95
57) 2,4-Dinitrotoluene	10.157	165	14356	45.183	ng	#	87
58) Fluorene	10.521	166	46304	40.496	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.286	232	11019	42.459	ng	#	97
60) Diethylphthalate	10.392	149	50122	40.719	ng		99
61) 4-Chlorophenyl-phenyle...	10.510	204	21824	42.050	ng		97
62) 4-Nitroaniline	10.539	138	11475	43.963	ng		82
63) Azobenzene	10.674	77	43164	40.116	ng		95
65) 4,6-Dinitro-2-methylph...	10.563	198	7557	44.865	ng		92
66) n-Nitrosodiphenylamine	10.633	169	39953	41.613	ng		96
67) 4-Bromophenyl-phenylether	11.004	248	12460	40.866	ng		90
68) Hexachlorobenzene	11.063	284	13260	42.448	ng		99
69) Atrazine	11.157	200	11650	39.620	ng		94
70) Pentachlorophenol	11.257	266	8716	44.111	ng		92
71) Phenanthrene	11.486	178	65277	40.579	ng		98
72) Anthracene	11.539	178	65737	40.733	ng		98
73) Carbazole	11.686	167	60812	40.780	ng		99
74) Di-n-butylphthalate	12.015	149	81632	40.637	ng		99
75) Fluoranthene	12.674	202	65930	40.622	ng		98
77) Benzidine	12.792	184	26255	39.069	ng		98
78) Pyrene	12.904	202	64667	43.299	ng		97
80) Butylbenzylphthalate	13.515	149	30210	41.835	ng		99
81) Benzo(a)anthracene	14.086	228	49925	41.877	ng		97
82) 3,3'-Dichlorobenzidine	14.051	252	12748	40.823	ng		100
83) Chrysene	14.127	228	48307	42.298	ng		99
84) Bis(2-ethylhexyl)phtha...	14.074	149	40001	41.259	ng		99
85) Di-n-octyl phthalate	14.692	149	56739	40.444	ng		99
87) Indeno(1,2,3-cd)pyrene	17.109	276	36273	47.985	ng		98
88) Benzo(b)fluoranthene	15.151	252	39788	42.529	ng		98
89) Benzo(k)fluoranthene	15.186	252	34629m	40.342	ng		
90) Benzo(a)pyrene	15.533	252	34211	44.300	ng		99
91) Dibenzo(a,h)anthracene	17.133	278	30420	47.278	ng		96
92) Benzo(g,h,i)perylene	17.574	276	29340	46.706	ng		96

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

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