Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061821\
Data File : BF124370.D
Acq On : 18 Jun 2021 12:10
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 18 13:12:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 15 20:09:26 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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6/21/2021 11:38:16 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	41985	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	158578	20.000	ng	#	0.00
39) Acenaphthene-d10	9.828	164	99389	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	161483	20.000	ng		0.00
76) Chrysene-d12	13.963	240	91254	20.000	ng		0.00
86) Perylene-d12	15.421	264	88470	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	235002	84.258	ng		0.00
7) Phenol-d6	6.445	99	317308	84.639	ng		0.00
23) Nitrobenzene-d5	7.363	82	323649	80.947	ng		0.00
42) 2,4,6-Tribromophenol	10.622	330	94665	67.229	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	626217	79.285	ng		0.00
79) Terphenyl-d14	12.904	244	514718	77.442	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.475	88	47391	38.827	ng		91
3) Pyridine	3.210	79	126707	40.533	ng	#	79
4) n-Nitrosodimethylamine	3.181	42	67317	36.242	ng	#	99
6) Aniline	6.457	93	170333	39.779	ng	#	4
8) 2-Chlorophenol	6.581	128	135804	43.759	ng		94
9) Benzaldehyde	6.340	77	73605	44.170	ng		99
10) Phenol	6.457	94	162379	40.079	ng	#	55
11) bis(2-Chloroethyl)ether	6.528	93	126350	42.779	ng		88
12) 1,3-Dichlorobenzene	6.728	146	151782	41.836	ng		95
13) 1,4-Dichlorobenzene	6.804	146	153714	42.239	ng		93
14) 1,2-Dichlorobenzene	6.963	146	146390	42.051	ng		97
15) Benzyl Alcohol	6.940	79	133013	39.357	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.069	45	165788	35.981	ng		47
17) 2-Methylphenol	7.057	107	108347	42.947	ng	#	83
18) Hexachloroethane	7.298	117	59469	41.496	ng	#	83
19) n-Nitroso-di-n-propyla...	7.210	70	115658	43.703	ng	#	83
20) 3+4-Methylphenols	7.216	107	147089	44.002	ng	#	75
22) Acetophenone	7.204	105	190143	42.061	ng		92
24) Nitrobenzene	7.381	77	159122	39.671	ng		99
25) Isophorone	7.616	82	292585	40.609	ng	#	95
26) 2-Nitrophenol	7.692	139	76512	42.702	ng		97
27) 2,4-Dimethylphenol	7.739	122	102861	40.712	ng		93
28) bis(2-Chloroethoxy)met...	7.822	93	149234	41.779	ng		98
29) 2,4-Dichlorophenol	7.939	162	124187	42.479	ng		92
30) 1,2,4-Trichlorobenzene	8.016	180	134548	41.067	ng		96
31) Naphthalene	8.098	128	388732	41.002	ng		99
32) Benzoic acid	7.892	122	50788	32.759	ng	#	83
33) 4-Chloroaniline	8.151	127	145964	41.392	ng		96
34) Hexachlorobutadiene	8.210	225	94550	40.856	ng		99
35) Caprolactam	8.539	113	33800m	42.084	ng		
36) 4-Chloro-3-methylphenol	8.645	107	132131	41.310	ng		87
37) 2-Methylnaphthalene	8.786	142	278371	41.869	ng		99
38) 1-Methylnaphthalene	8.886	142	261767	42.132	ng		96
40) 1,2,4,5-Tetrachloroben...	8.957	216	137615	39.080	ng		98
41) Hexachlorocyclopentadiene	8.939	237	60067	36.125	ng		91
43) 2,4,6-Trichlorophenol	9.075	196	88685	38.615	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	89323	36.230	ng	#	90
46) 1,1'-Biphenyl	9.251	154	334229	39.837	ng		97
47) 2-Chloronaphthalene	9.281	162	271782	39.798	ng		94
48) 2-Nitroaniline	9.381	65	94063	38.168	ng		99
49) Acenaphthylene	9.692	152	387925	39.079	ng		98
50) Dimethylphthalate	9.557	163	314458	38.242	ng		98
51) 2,6-Dinitrotoluene	9.622	165	76780	40.723	ng		91
52) Acenaphthene	9.863	154	252217	38.902	ng		97
53) 3-Nitroaniline	9.798	138	67831	38.440	ng		98
54) 2,4-Dinitrophenol	9.910	184	32701	35.946	ng		85
55) Dibenzofuran	10.039	168	400883	39.506	ng		97
56) 4-Nitrophenol	9.980	139	41087m	32.580	ng		
57) 2,4-Dinitrotoluene	10.033	165	98823	39.743	ng	#	87
58) Fluorene	10.380	166	308038	39.547	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.163	232	70749	35.411	ng		89
60) Diethylphthalate	10.257	149	308931	37.227	ng		96
61) 4-Chlorophenyl-phenyle...	10.369	204	154668	38.835	ng		99
62) 4-Nitroaniline	10.416	138	59662	33.627	ng		88
63) Azobenzene	10.533	77	305669	35.336	ng		93
65) 4,6-Dinitro-2-methylph...	10.445	198	44704	34.448	ng	#	68
66) n-Nitrosodiphenylamine	10.492	169	263511	42.948	ng		97
67) 4-Bromophenyl-phenylether	10.857	248	91677	41.362	ng		90
68) Hexachlorobenzene	10.928	284	101499	40.430	ng		94
69) Atrazine	11.022	200	58976	33.956	ng		98
70) Pentachlorophenol	11.133	266	43862	35.887	ng		97
71) Phenanthrene	11.345	178	407768	40.423	ng		99
72) Anthracene	11.398	178	413623	40.714	ng		98
73) Carbazole	11.557	167	345026	38.972	ng		97
74) Di-n-butylphthalate	11.874	149	412054	36.216	ng		99
75) Fluoranthene	12.533	202	374712	35.388	ng		97
77) Benzidine	12.657	184	136712m	62.904	ng		
78) Pyrene	12.763	202	365200	41.677	ng		97
80) Butylbenzylphthalate	13.374	149	136981	38.535	ng		97
81) Benzo(a)anthracene	13.951	228	282239	42.456	ng		98
82) 3,3'-Dichlorobenzidine	13.916	252	90983	46.652	ng	#	99
83) Chrysene	13.992	228	280387	43.716	ng		97
84) Bis(2-ethylhexyl)phtha...	13.933	149	183284	43.345	ng		97
85) Di-n-octyl phthalate	14.551	149	296272	52.501	ng	#	89
87) Indeno(1,2,3-cd)pyrene	16.892	276	298653	41.232	ng		98
88) Benzo(b)fluoranthene	14.998	252	280622	40.833	ng		99
89) Benzo(k)fluoranthene	15.027	252	250818	38.552	ng		99
90) Benzo(a)pyrene	15.363	252	256191	42.919	ng		99
91) Dibenzo(a,h)anthracene	16.898	278	249288	40.396	ng		97
92) Benzo(g,h,i)perylene	17.327	276	236330	38.894	ng		97

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

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