Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100821\
Data File : BF125775.D
Acq On : 8 Oct 2021 10:17
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 08 12:00:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 07 17:16:23 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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10/11/2021 2:11:02 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	264086	20.00	ng		0.00
21) Naphthalene-d8	8.128	136	1036457	20.00	ng	#	0.00
39) Acenaphthene-d10	9.881	164	537824	20.00	ng		0.00
64) Phenanthrene-d10	11.363	188	882539	20.00	ng		0.00
76) Chrysene-d12	13.998	240	436327	20.00	ng		0.00
86) Perylene-d12	15.445	264	398199	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	1238042	76.58	ng		0.00
7) Phenol-d6	6.475	99	1594222	76.61	ng		0.00
23) Nitrobenzene-d5	7.410	82	1305975	78.32	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	426811	80.38	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	2416927	77.51	ng		0.00
79) Terphenyl-d14	12.945	244	2247691	78.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.610	88	264971	38.50	ng	#	100
3) Pyridine	3.357	79	712670	40.02	ng	#	72
4) n-Nitrosodimethylamine	3.310	42	250196	39.03	ng	#	1
6) Aniline	6.510	93	951452	39.71	ng		94
8) 2-Chlorophenol	6.634	128	684372	38.65	ng		97
9) Benzaldehyde	6.398	77	452655	40.08	ng		94
10) Phenol	6.487	94	769750m	38.04	ng		
11) bis(2-Chloroethyl)ether	6.581	93	636829	38.84	ng		98
12) 1,3-Dichlorobenzene	6.787	146	746900	38.67	ng		96
13) 1,4-Dichlorobenzene	6.863	146	746522	37.90	ng		98
14) 1,2-Dichlorobenzene	7.022	146	707984	38.38	ng		99
15) Benzyl Alcohol	6.987	79	541611	39.27	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.122	45	811078	38.68	ng		88
17) 2-Methylphenol	7.092	107	549437	38.98	ng		98
18) Hexachloroethane	7.363	117	262240	38.66	ng	#	88
19) n-Nitroso-di-n-propyla...	7.263	70	424752	38.66	ng	#	69
20) 3+4-Methylphenols	7.251	107	666487	38.34	ng	#	86
22) Acetophenone	7.257	105	858665	37.69	ng	#	90
24) Nitrobenzene	7.428	77	631661	39.09	ng	#	96
25) Isophorone	7.669	82	1145580	38.78	ng		94
26) 2-Nitrophenol	7.745	139	335125	41.01	ng	#	93
27) 2,4-Dimethylphenol	7.781	122	560899	41.22	ng		99
28) bis(2-Chloroethoxy)met...	7.875	93	787785	38.42	ng		98
29) 2,4-Dichlorophenol	7.981	162	576003	39.29	ng		97
30) 1,2,4-Trichlorobenzene	8.069	180	619959	38.57	ng		97
31) Naphthalene	8.151	128	1901861	37.95	ng		100
32) Benzoic acid	7.898	122	406260	42.46	ng		99
33) 4-Chloroaniline	8.198	127	822118	39.20	ng		97
34) Hexachlorobutadiene	8.269	225	346684	38.61	ng		99
35) Caprolactam	8.569	113	173099	40.87	ng	#	83
36) 4-Chloro-3-methylphenol	8.675	107	562683	39.29	ng		96
37) 2-Methylnaphthalene	8.839	142	1251690	38.57	ng		99
38) 1-Methylnaphthalene	8.939	142	1202847	38.19	ng		98
40) 1,2,4,5-Tetrachloroben...	9.004	216	549054	38.04	ng		99
41) Hexachlorocyclopentadiene	8.998	237	287278	40.55	ng		97
43) 2,4,6-Trichlorophenol	9.116	196	405339	38.74	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	436727	39.26	ng		93
46) 1,1'-Biphenyl	9.304	154	1510941	38.21	ng		97
47) 2-Chloronaphthalene	9.328	162	1233955	38.43	ng		98
48) 2-Nitroaniline	9.422	65	318012	41.26	ng		87
49) Acenaphthylene	9.745	152	1823644	38.79	ng		98
50) Dimethylphthalate	9.604	163	1358220	38.36	ng		97
51) 2,6-Dinitrotoluene	9.663	165	295244	41.26	ng		91
52) Acenaphthene	9.916	154	1123169	38.24	ng		96
53) 3-Nitroaniline	9.833	138	350624	41.44	ng		97
54) 2,4-Dinitrophenol	9.933	184	127574	42.00	ng	#	70
55) Dibenzofuran	10.086	168	1708954	38.84	ng		97
56) 4-Nitrophenol	9.981	139	268151	42.51	ng		89
57) 2,4-Dinitrotoluene	10.063	165	380543	42.06	ng	#	85
58) Fluorene	10.428	166	1219151	37.83	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	338196	40.28	ng	#	89
60) Diethylphthalate	10.304	149	1340937	39.69	ng		98
61) 4-Chlorophenyl-phenyle...	10.422	204	581475	37.46	ng		89
62) 4-Nitroaniline	10.445	138	333814	42.69	ng	#	74
63) Azobenzene	10.581	77	1241829	39.11	ng		85
65) 4,6-Dinitro-2-methylph...	10.475	198	194809	44.25	ng	#	62
66) n-Nitrosodiphenylamine	10.539	169	1137133	37.77	ng		96
67) 4-Bromophenyl-phenylether	10.910	248	372162	38.08	ng		98
68) Hexachlorobenzene	10.975	284	427388	38.59	ng	#	88
69) Atrazine	11.063	200	347662	39.79	ng		94
70) Pentachlorophenol	11.163	266	247018	41.72	ng		95
71) Phenanthrene	11.386	178	1788902	37.88	ng		96
72) Anthracene	11.439	178	1783399	37.81	ng		97
73) Carbazole	11.592	167	1723551	39.27	ng		99
74) Di-n-butylphthalate	11.922	149	1945940	40.16	ng		99
75) Fluoranthene	12.574	202	1710233	40.14	ng		98
77) Benzidine	12.692	184	669228	41.91	ng		98
78) Pyrene	12.804	202	1702285	38.40	ng		97
80) Butylbenzylphthalate	13.421	149	653213	45.97	ng		94
81) Benzo(a)anthracene	13.986	228	1093006	38.61	ng		99
82) 3,3'-Dichlorobenzidine	13.945	252	349758	39.10	ng		98
83) Chrysene	14.021	228	1087534	38.87	ng		97
84) Bis(2-ethylhexyl)phtha...	13.980	149	675872	43.72	ng		99
85) Di-n-octyl phthalate	14.586	149	950665	36.91	ng	#	89
87) Indeno(1,2,3-cd)pyrene	16.898	276	1218008	40.08	ng		98
88) Benzo(b)fluoranthene	15.027	252	911787	40.56	ng		97
89) Benzo(k)fluoranthene	15.057	252	907395	39.31	ng		97
90) Benzo(a)pyrene	15.386	252	795474	39.96	ng		98
91) Dibenzo(a,h)anthracene	16.921	278	1007964	40.21	ng		97
92) Benzo(g,h,i)perylene	17.339	276	1026292	40.09	ng		93

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

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