Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072221\
Data File : BF124683.D
Acq On : 22 Jul 2021 10:59
Operator : JU/CG
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 22 13:29:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 13:28:38 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
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7/23/2021 11:51:06 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	7800	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	29688	20.000	ng	#	0.00
39) Acenaphthene-d10	9.910	164	16299	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	29676	20.000	ng		0.00
76) Chrysene-d12	14.033	240	22787	20.000	ng		0.00
86) Perylene-d12	15.503	264	20211	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	4343	9.647	ng		-0.01
7) Phenol-d6	6.481	99	5661	10.337	ng		-0.02
23) Nitrobenzene-d5	7.428	82	4614	9.811	ng		-0.01
42) 2,4,6-Tribromophenol	10.692	330	1260	9.934	ng		-0.01
45) 2-Fluorobiphenyl	9.227	172	11264	10.078	ng		0.00
79) Terphenyl-d14	12.974	244	13205	9.731	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.657	88	690	4.686	ng	#	100
3) Pyridine	3.416	79	1646	4.358	ng		96
4) n-Nitrosodimethylamine	3.340	42	1187	3.867	ng		100
6) Aniline	6.528	93	2884	4.998	ng		92
8) 2-Chlorophenol	6.645	128	2614	5.179	ng		96
9) Benzaldehyde	6.416	77	1752	5.453	ng		96
10) Phenol	6.492	94	2729	5.104	ng		92
11) bis(2-Chloroethyl)ether	6.598	93	2069	4.991	ng		93
12) 1,3-Dichlorobenzene	6.810	146	2710	4.906	ng		91
13) 1,4-Dichlorobenzene	6.886	146	2565	4.546	ng		93
14) 1,2-Dichlorobenzene	7.039	146	2650	4.942	ng		94
15) Benzyl Alcohol	6.998	79	1668	4.402	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	7.145	45	3600	5.039	ng		90
17) 2-Methylphenol	7.110	107	1825	4.940	ng		97
18) Hexachloroethane	7.380	117	1004	4.725	ng		92
19) n-Nitroso-di-n-propyla...	7.269	70	1347	4.375	ng	#	81
20) 3+4-Methylphenols	7.263	107	2423	4.982	ng		88
22) Acetophenone	7.275	105	3497	5.190	ng	#	96
24) Nitrobenzene	7.445	77	2440	5.232	ng	#	91
25) Isophorone	7.686	82	4332	5.018	ng	#	90
26) 2-Nitrophenol	7.763	139	1225	4.870	ng	#	92
27) 2,4-Dimethylphenol	7.792	122	1749	4.196	ng		90
28) bis(2-Chloroethoxy)met...	7.898	93	2454	4.873	ng	#	97
29) 2,4-Dichlorophenol	7.998	162	2115	4.919	ng		93
30) 1,2,4-Trichlorobenzene	8.092	180	2428	5.103	ng		91
31) Naphthalene	8.175	128	7778	5.065	ng		96
33) 4-Chloroaniline	8.222	127	3013	5.193	ng		95
34) Hexachlorobutadiene	8.292	225	1433	5.336	ng	#	87
35) Caprolactam	8.545	113	588	5.407	ng	#	83
36) 4-Chloro-3-methylphenol	8.686	107	1748	4.111	ng		96
37) 2-Methylnaphthalene	8.863	142	5152	4.972	ng		93
38) 1-Methylnaphthalene	8.963	142	5117	5.258	ng		97
40) 1,2,4,5-Tetrachloroben...	9.027	216	2378	5.470	ng	#	89
41) Hexachlorocyclopentadiene	9.022	237	1326	4.883	ng		92
43) 2,4,6-Trichlorophenol	9.139	196	1589	5.063	ng	#	87
44) 2,4,5-Trichlorophenol	9.174	196	1672	5.166	ng	#	77

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.327	154	6137	4.958	ng		96
47) 2-Chloronaphthalene	9.351	162	4768	4.913	ng		97
48) 2-Nitroaniline	9.445	65	1128	4.833	ng		98
49) Acenaphthylene	9.769	152	7369	4.865	ng		99
50) Dimethylphthalate	9.622	163	5589	4.929	ng	#	97
51) 2,6-Dinitrotoluene	9.686	165	1210	5.413	ng	#	86
52) Acenaphthene	9.939	154	4973	5.135	ng		99
53) 3-Nitroaniline	9.851	138	1306	5.235	ng	#	94
55) Dibenzofuran	10.110	168	6988	4.908	ng		97
56) 4-Nitrophenol	9.998	139	940	4.527	ng		88
57) 2,4-Dinitrotoluene	10.086	165	1715	5.604	ng	#	77
58) Fluorene	10.457	166	5429	4.929	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.227	232	1126	4.504	ng	#	94
60) Diethylphthalate	10.321	149	6062	5.113	ng		95
61) 4-Chlorophenyl-phenyle...	10.451	204	2852	5.705	ng		87
62) 4-Nitroaniline	10.457	138	1229	4.888	ng		88
63) Azobenzene	10.610	77	5101	4.922	ng		96
66) n-Nitrosodiphenylamine	10.563	169	4696	4.860	ng		96
67) 4-Bromophenyl-phenylether	10.939	248	1531	4.989	ng		93
68) Hexachlorobenzene	10.998	284	1640	5.216	ng		93
69) Atrazine	11.086	200	1493	5.045	ng		93
70) Pentachlorophenol	11.192	266	797	4.008	ng		89
71) Phenanthrene	11.416	178	8042	4.967	ng		98
72) Anthracene	11.468	178	7767	4.782	ng		95
73) Carbazole	11.621	167	7596	5.061	ng		97
74) Di-n-butylphthalate	11.957	149	9694	4.795	ng		98
75) Fluoranthene	12.604	202	8107	4.963	ng		98
77) Benzidine	12.727	184	3731	4.380	ng	#	95
78) Pyrene	12.833	202	8809	4.653	ng		98
80) Butylbenzylphthalate	13.457	149	4087	4.465	ng		92
81) Benzo(a)anthracene	14.021	228	7504	4.965	ng		95
82) 3,3'-Dichlorobenzidine	13.986	252	2166	5.472	ng	#	91
83) Chrysene	14.057	228	6895	4.763	ng		98
84) Bis(2-ethylhexyl)phtha...	14.015	149	6081	4.948	ng	#	99
85) Di-n-octyl phthalate	14.627	149	9979	5.611	ng	#	100
87) Indeno(1,2,3-cd)pyrene	16.968	276	5605	4.782	ng		95
88) Benzo(b)fluoranthene	15.068	252	7237m	4.989	ng		
89) Benzo(k)fluoranthene	15.098	252	6232	4.682	ng	#	97
90) Benzo(a)pyrene	15.439	252	6056	5.057	ng		98
91) Dibenzo(a,h)anthracene	16.986	278	5052	5.064	ng	#	90
92) Benzo(g,h,i)perylene	17.409	276	4537	4.658	ng		97

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

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