Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010521\
Data File : BF122922.D
Acq On : 5 Jan 2021 14:44
Operator : JU/CG
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC060

Quant Time: Jan 05 15:26:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 05 14:20:20 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	97009	20.00	ng		0.00
21) Naphthalene-d8	8.092	136	338716	20.00	ng		0.00
39) Acenaphthene-d10	9.851	164	177112	20.00	ng		0.00
64) Phenanthrene-d10	11.339	188	328236	20.00	ng		0.00
76) Chrysene-d12	13.998	240	261709	20.00	ng	#	0.00
86) Perylene-d12	15.457	264	245686	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	712765	116.32	ng		0.00
7) Phenol-d6	6.457	99	909521	111.92	ng		0.01
23) Nitrobenzene-d5	7.381	82	806210	119.25	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	276534	119.28	ng		0.00
45) 2-Fluorobiphenyl	9.175	172	1460550	111.54	ng		0.00
79) Terphenyl-d14	12.933	244	1753431	117.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.510	88	168864	58.63	ng		96
3) Pyridine	3.251	79	438219	57.57	ng		98
4) n-Nitrosodimethylamine	3.216	42	174418	57.13	ng		96
6) Aniline	6.475	93	521307	54.50	ng	#	91
8) 2-Chlorophenol	6.598	128	385735	57.11	ng		96
9) Benzaldehyde	6.357	77	202837	41.24	ng		97
10) Phenol	6.469	94	461902	54.85	ng		81
11) bis(2-Chloroethyl)ether	6.545	93	361443	56.18	ng		99
12) 1,3-Dichlorobenzene	6.745	146	462620	57.89	ng		98
13) 1,4-Dichlorobenzene	6.822	146	467289	57.99	ng		97
14) 1,2-Dichlorobenzene	6.981	146	423623	54.46	ng		99
15) Benzyl Alcohol	6.957	79	313654	56.05	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.087	45	449509	49.00	ng		88
17) 2-Methylphenol	7.075	107	309641	57.67	ng	#	93
18) Hexachloroethane	7.316	117	169100	58.89	ng		95
19) n-Nitroso-di-n-propyla...	7.234	70	248988	53.49	ng		100
20) 3+4-Methylphenols	7.228	107	366402	54.02	ng		97
22) Acetophenone	7.228	105	498140	59.15	ng		95
24) Nitrobenzene	7.398	77	397250	59.07	ng		100
25) Isophorone	7.639	82	679133	58.32	ng		98
26) 2-Nitrophenol	7.716	139	210149	64.07	ng		92
27) 2,4-Dimethylphenol	7.757	122	284492	59.18	ng		98
28) bis(2-Chloroethoxy)met...	7.845	93	459721	57.65	ng		100
29) 2,4-Dichlorophenol	7.963	162	336456	59.93	ng		98
30) 1,2,4-Trichlorobenzene	8.039	180	378798	59.55	ng		99
31) Naphthalene	8.116	128	1111885	59.49	ng		100
32) Benzoic acid	7.916	122	229203	59.83	ng		99
33) 4-Chloroaniline	8.169	127	462373	59.17	ng		99
34) Hexachlorobutadiene	8.233	225	234778	59.97	ng		99
35) Caprolactam	8.563	113	101872	60.24	ng		91
36) 4-Chloro-3-methylphenol	8.663	107	337895	61.10	ng		98
37) 2-Methylnaphthalene	8.810	142	727137	58.81	ng		99
38) 1-Methylnaphthalene	8.910	142	680388	58.17	ng		100
40) 1,2,4,5-Tetrachloroben...	8.980	216	355200	60.55	ng		99
41) Hexachlorocyclopentadiene	8.963	237	105816	40.80	ng		100
43) 2,4,6-Trichlorophenol	9.092	196	239604	59.14	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	248368	59.31	ng		98
46) 1,1'-Biphenyl	9.275	154	872591	59.36	ng		99
47) 2-Chloronaphthalene	9.304	162	734979	60.35	ng		98
48) 2-Nitroaniline	9.404	65	216719	61.04	ng		98
49) Acenaphthylene	9.716	152	1060763	58.97	ng		99
50) Dimethylphthalate	9.580	163	865281	61.17	ng		99
51) 2,6-Dinitrotoluene	9.645	165	186891	62.56	ng		93
52) Acenaphthene	9.892	154	643022	55.25	ng		98
53) 3-Nitroaniline	9.816	138	212925	61.68	ng		95
54) 2,4-Dinitrophenol	9.927	184	98304	67.30	ng		98
55) Dibenzofuran	10.063	168	935002	57.11	ng		99
56) 4-Nitrophenol	9.986	139	132494	53.83	ng		89
57) 2,4-Dinitrotoluene	10.057	165	238307	59.89	ng		92
58) Fluorene	10.404	166	750311	57.62	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	221915	60.31	ng		99
60) Diethylphthalate	10.280	149	832354	60.50	ng		99
61) 4-Chlorophenyl-phenyle...	10.392	204	380652	59.37	ng		97
62) 4-Nitroaniline	10.439	138	220557	62.95	ng		97
63) Azobenzene	10.557	77	728386	57.60	ng		97
65) 4,6-Dinitro-2-methylph...	10.469	198	133951	66.93	ng		99
66) n-Nitrosodiphenylamine	10.516	169	684366	59.01	ng		99
67) 4-Bromophenyl-phenylether	10.886	248	260014	58.46	ng		95
68) Hexachlorobenzene	10.957	284	287201	58.41	ng		99
69) Atrazine	11.045	200	216208	57.40	ng		98
70) Pentachlorophenol	11.157	266	136415	52.36	ng		98
71) Phenanthrene	11.369	178	1142932	58.59	ng		99
72) Anthracene	11.422	178	1140169	58.94	ng		99
73) Carbazole	11.580	167	1035493	59.03	ng		99
74) Di-n-butylphthalate	11.904	149	1299875	58.97	ng		99
75) Fluoranthene	12.563	202	1193555	58.35	ng		99
77) Benzidine	12.680	184	386002	68.19	ng		99
78) Pyrene	12.792	202	1198818	59.25	ng		100
80) Butylbenzylphthalate	13.404	149	555048	60.90	ng		98
81) Benzo(a)anthracene	13.986	228	1096256	62.68	ng		98
82) 3,3'-Dichlorobenzidine	13.945	252	361686	57.74	ng		97
83) Chrysene	14.027	228	1047158	60.16	ng		99
84) Bis(2-ethylhexyl)phtha...	13.968	149	764772	61.27	ng	#	99
85) Di-n-octyl phthalate	14.580	149	1251066	60.43	ng		98
87) Indeno(1,2,3-cd)pyrene	16.933	276	965392	59.86	ng		98
88) Benzo(b)fluoranthene	15.039	252	1031335	59.83	ng		98
89) Benzo(k)fluoranthene	15.068	252	984221	62.45	ng		99
90) Benzo(a)pyrene	15.404	252	923042	61.21	ng		100
91) Dibenzo(a,h)anthracene	16.945	278	793252	60.10	ng		96
92) Benzo(g,h,i)perylene	17.368	276	758988	59.41	ng		99

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

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