Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071621\
Data File : BF124588.D
Acq On : 16 Jul 2021 9:38
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 16 12:06:40 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	6514	20.00	ng		0.00
21) Naphthalene-d8	8.210	136	24727	20.00	ng		0.00
39) Acenaphthene-d10	9.969	164	13926	20.00	ng		0.00
64) Phenanthrene-d10	11.457	188	24563	20.00	ng		0.00
76) Chrysene-d12	14.098	240	13076	20.00	ng	#	0.00
86) Perylene-d12	15.592	264	10358	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	32046	85.23	ng		0.00
7) Phenol-d6	6.545	99	39719	86.84	ng		0.00
23) Nitrobenzene-d5	7.492	82	34197	87.30	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	9608	88.66	ng		0.00
45) 2-Fluorobiphenyl	9.286	172	78234	81.92	ng		0.00
79) Terphenyl-d14	13.045	244	74699	95.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.757	88	5781	46.07	ng	#	100
3) Pyridine	3.516	79	14113	44.75	ng		97
4) n-Nitrosodimethylamine	3.481	42	10995	42.89	ng	#	98
6) Aniline	6.592	93	20190	41.90	ng		95
8) 2-Chlorophenol	6.710	128	18270	43.34	ng		95
9) Benzaldehyde	6.481	77	10310	38.42	ng		89
10) Phenol	6.557	94	18415	41.24	ng		98
11) bis(2-Chloroethyl)ether	6.663	93	15477	44.71	ng		99
12) 1,3-Dichlorobenzene	6.869	146	20201	43.79	ng		96
13) 1,4-Dichlorobenzene	6.945	146	19836	42.10	ng		98
14) 1,2-Dichlorobenzene	7.098	146	18774	41.92	ng		97
15) Benzyl Alcohol	7.063	79	12916	40.81	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.198	45	25604	42.91	ng		96
17) 2-Methylphenol	7.169	107	13326	43.19	ng		97
18) Hexachloroethane	7.439	117	7814	44.04	ng		99
19) n-Nitroso-di-n-propyla...	7.339	70	11297	43.93	ng		94
20) 3+4-Methylphenols	7.322	107	17023	41.91	ng	#	88
22) Acetophenone	7.334	105	23103	41.17	ng	#	98
24) Nitrobenzene	7.510	77	16434	42.31	ng		98
25) Isophorone	7.751	82	30373	42.24	ng		99
26) 2-Nitrophenol	7.822	139	9584	45.74	ng	#	92
27) 2,4-Dimethylphenol	7.851	122	15113	43.53	ng		96
28) bis(2-Chloroethoxy)met...	7.957	93	17435	41.57	ng		98
29) 2,4-Dichlorophenol	8.063	162	15255	42.60	ng		98
30) 1,2,4-Trichlorobenzene	8.151	180	16068	40.55	ng		97
31) Naphthalene	8.233	128	53521	41.85	ng		98
32) Benzoic acid	7.969	122	10957	42.26	ng		83
33) 4-Chloroaniline	8.275	127	20752	42.94	ng		97
34) Hexachlorobutadiene	8.351	225	9932	44.40	ng		97
35) Caprolactam	8.651	113	3808	42.04	ng		88
36) 4-Chloro-3-methylphenol	8.751	107	14847	41.93	ng		99
37) 2-Methylnaphthalene	8.922	142	35728	41.40	ng		100
38) 1-Methylnaphthalene	9.022	142	33753	41.64	ng		95
40) 1,2,4,5-Tetrachloroben...	9.086	216	15737	42.37	ng		98
41) Hexachlorocyclopentadiene	9.075	237	9738	41.97	ng		97
43) 2,4,6-Trichlorophenol	9.198	196	11346	42.31	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.233	196	11690	42.27	ng		93
46) 1,1'-Biphenyl	9.386	154	43950	41.55	ng		98
47) 2-Chloronaphthalene	9.416	162	33769	40.72	ng		100
48) 2-Nitroaniline	9.504	65	8959	44.93	ng		97
49) Acenaphthylene	9.833	152	52815	40.81	ng		99
50) Dimethylphthalate	9.686	163	39443	40.71	ng		99
51) 2,6-Dinitrotoluene	9.751	165	9042	47.34	ng		91
52) Acenaphthene	10.004	154	34832	42.10	ng		99
53) 3-Nitroaniline	9.916	138	9202	43.17	ng		96
54) 2,4-Dinitrophenol	10.016	184	4735	47.51	ng		93
55) Dibenzofuran	10.175	168	50028	41.12	ng		99
56) 4-Nitrophenol	10.063	139	7399	41.71	ng		94
57) 2,4-Dinitrotoluene	10.151	165	11846	45.30	ng	#	88
58) Fluorene	10.516	166	37830	40.20	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.286	232	9674	45.29	ng	#	92
60) Diethylphthalate	10.386	149	41062	40.53	ng		99
61) 4-Chlorophenyl-phenyle...	10.510	204	17963	42.05	ng		92
62) 4-Nitroaniline	10.533	138	9104	42.38	ng		84
63) Azobenzene	10.669	77	35842	40.48	ng		98
65) 4,6-Dinitro-2-methylph...	10.557	198	6794	48.42	ng		90
66) n-Nitrosodiphenylamine	10.627	169	32949	41.20	ng		98
67) 4-Bromophenyl-phenylether	10.998	248	10546	41.52	ng	#	84
68) Hexachlorobenzene	11.063	284	11204	43.05	ng		96
69) Atrazine	11.151	200	9940	40.58	ng		96
70) Pentachlorophenol	11.251	266	6992	42.48	ng		92
71) Phenanthrene	11.480	178	53603	40.00	ng		96
72) Anthracene	11.533	178	52784	39.26	ng		99
73) Carbazole	11.686	167	48569	39.10	ng		99
74) Di-n-butylphthalate	12.016	149	67786	40.51	ng		98
75) Fluoranthene	12.668	202	51886	38.38	ng		99
77) Benzidine	12.786	184	17505	35.81	ng	#	95
78) Pyrene	12.898	202	51359	47.27	ng		98
80) Butylbenzylphthalate	13.515	149	22853	43.51	ng		95
81) Benzo(a)anthracene	14.086	228	36913	42.57	ng		98
82) 3,3'-Dichlorobenzidine	14.045	252	9396	41.36	ng		97
83) Chrysene	14.127	228	35533	42.77	ng		98
84) Bis(2-ethylhexyl)phtha...	14.074	149	29491	41.82	ng		99
85) Di-n-octyl phthalate	14.686	149	41915	41.07	ng		99
87) Indeno(1,2,3-cd)pyrene	17.104	276	29116	48.47	ng		96
88) Benzo(b)fluoranthene	15.151	252	28139	37.85	ng		97
89) Benzo(k)fluoranthene	15.180	252	27570	40.42	ng	#	94
90) Benzo(a)pyrene	15.527	252	24912	40.59	ng		95
91) Dibenzo(a,h)anthracene	17.127	278	25464	49.80	ng		95
92) Benzo(g,h,i)perylene	17.568	276	23758	47.59	ng		96

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

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