Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
Data File : BF125259.D
Acq On : 30 Aug 2021 12:48
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 30 14:32:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 12:39:21 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.916	152	178928	20.000	ng		0.00
21) Naphthalene-d8	8.198	136	640653	20.000	ng	#	0.00
39) Acenaphthene-d10	9.951	164	326380	20.000	ng		0.00
64) Phenanthrene-d10	11.439	188	566717	20.000	ng		0.00
76) Chrysene-d12	14.080	240	358649	20.000	ng	#	0.00
86) Perylene-d12	15.580	264	364263	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	856243	72.432	ng		0.00
7) Phenol-d6	6.539	99	1106820	72.394	ng		0.00
23) Nitrobenzene-d5	7.481	82	976192	76.711	ng		0.00
42) 2,4,6-Tribromophenol	10.739	330	289926	88.989	ng		0.00
45) 2-Fluorobiphenyl	9.274	172	1678357	71.670	ng		0.00
79) Terphenyl-d14	13.021	244	1722881	76.529	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.698	88	211663	36.286	ng	#	100
3) Pyridine	3.469	79	556669	36.150	ng	#	91
4) n-Nitrosodimethylamine	3.422	42	259551	33.683	ng	#	43
6) Aniline	6.581	93	654367	36.437	ng		96
8) 2-Chlorophenol	6.698	128	444603	36.868	ng	#	79
9) Benzaldehyde	6.469	77	343904	32.052	ng		93
10) Phenol	6.557	94	624669	39.015	ng		96
11) bis(2-Chloroethyl)ether	6.651	93	454262	36.025	ng		88
12) 1,3-Dichlorobenzene	6.857	146	517303	37.018	ng		99
13) 1,4-Dichlorobenzene	6.933	146	513297	36.863	ng		98
14) 1,2-Dichlorobenzene	7.086	146	476973	36.410	ng		98
15) Benzyl Alcohol	7.057	79	418098	35.518	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.186	45	850289	33.624	ng		96
17) 2-Methylphenol	7.163	107	376380	37.154	ng		94
18) Hexachloroethane	7.428	117	181425	37.208	ng	#	87
19) n-Nitroso-di-n-propyla...	7.328	70	324410	35.277	ng	#	77
20) 3+4-Methylphenols	7.316	107	449840	35.375	ng		92
22) Acetophenone	7.322	105	589218	35.736	ng	#	89
24) Nitrobenzene	7.498	77	519367	37.456	ng		89
25) Isophorone	7.733	82	899331	36.634	ng	#	89
26) 2-Nitrophenol	7.810	139	233655	42.200	ng	#	77
27) 2,4-Dimethylphenol	7.845	122	340436	35.122	ng		90
28) bis(2-Chloroethoxy)met...	7.945	93	504892	37.145	ng	#	97
29) 2,4-Dichlorophenol	8.051	162	381606	38.603	ng		94
30) 1,2,4-Trichlorobenzene	8.139	180	409100	37.951	ng		93
31) Naphthalene	8.222	128	1200645	36.594	ng		100
32) Benzoic acid	7.951	122	257559	39.149	ng	#	81
33) 4-Chloroaniline	8.269	127	493708	38.170	ng	#	93
34) Hexachlorobutadiene	8.333	225	266663	38.796	ng		100
35) Caprolactam	8.633	113	106461	41.579	ng	#	56
36) 4-Chloro-3-methylphenol	8.739	107	398218	39.460	ng		90
37) 2-Methylnaphthalene	8.910	142	815736	37.624	ng		99
38) 1-Methylnaphthalene	9.010	142	757645	37.421	ng		97
40) 1,2,4,5-Tetrachloroben...	9.075	216	400136	37.524	ng		97
41) Hexachlorocyclopentadiene	9.063	237	183159	32.693	ng		97
43) 2,4,6-Trichlorophenol	9.186	196	284335	37.870	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	308827	39.096	ng		94
46) 1,1'-Biphenyl	9.374	154	940101	35.728	ng		98
47) 2-Chloronaphthalene	9.398	162	785786	36.748	ng		97
48) 2-Nitroaniline	9.492	65	267881	40.415	ng	#	82
49) Acenaphthylene	9.816	152	1140849	36.614	ng		98
50) Dimethylphthalate	9.669	163	856867	37.885	ng	#	98
51) 2,6-Dinitrotoluene	9.733	165	195716	39.907	ng		90
52) Acenaphthene	9.986	154	733158	37.956	ng		99
53) 3-Nitroaniline	9.904	138	210919	39.880	ng	#	80
54) 2,4-Dinitrophenol	10.010	184	88408	45.636	ng	#	73
55) Dibenzofuran	10.157	168	1031623	37.110	ng		99
56) 4-Nitrophenol	10.057	139	161909	38.658	ng	#	79
57) 2,4-Dinitrotoluene	10.133	165	249039	41.956	ng	#	94
58) Fluorene	10.498	166	797319	38.795	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.274	232	232500	39.662	ng	#	85
60) Diethylphthalate	10.369	149	834994	37.868	ng		98
61) 4-Chlorophenyl-phenyle...	10.492	204	404917	38.967	ng	#	84
62) 4-Nitroaniline	10.516	138	196844	41.389	ng	#	82
63) Azobenzene	10.651	77	909517	36.774	ng		91
65) 4,6-Dinitro-2-methylph...	10.545	198	132363	44.130	ng		79
66) n-Nitrosodiphenylamine	10.610	169	746396	36.783	ng		96
67) 4-Bromophenyl-phenylether	10.980	248	268390	39.439	ng		93
68) Hexachlorobenzene	11.051	284	285177	40.735	ng	#	81
69) Atrazine	11.133	200	223942	38.459	ng		92
70) Pentachlorophenol	11.239	266	157905	38.629	ng		92
71) Phenanthrene	11.463	178	1140038	36.509	ng		97
72) Anthracene	11.516	178	1141429	37.085	ng		98
73) Carbazole	11.668	167	1028760	36.577	ng		99
74) Di-n-butylphthalate	11.998	149	1235563	37.019	ng		99
75) Fluoranthene	12.651	202	1148277	37.060	ng		97
77) Benzidine	12.774	184	464692	37.099	ng		99
78) Pyrene	12.886	202	1163501	37.819	ng		96
80) Butylbenzylphthalate	13.498	149	461604	38.185	ng	#	95
81) Benzo(a)anthracene	14.068	228	967673	37.447	ng		99
82) 3,3'-Dichlorobenzidine	14.033	252	313956	39.195	ng	#	99
83) Chrysene	14.109	228	934677	36.574	ng		98
84) Bis(2-ethylhexyl)phtha...	14.051	149	622534	37.469	ng		99
85) Di-n-octyl phthalate	14.668	149	986896	35.714	ng	#	97
87) Indeno(1,2,3-cd)pyrene	17.098	276	1135832	43.283	ng	#	90
88) Benzo(b)fluoranthene	15.139	252	949897	35.694	ng	#	94
89) Benzo(k)fluoranthene	15.168	252	883761	35.588	ng		98
90) Benzo(a)pyrene	15.515	252	887576	37.757	ng	#	94
91) Dibenzo(a,h)anthracene	17.115	278	960022	42.322	ng	#	95
92) Benzo(g,h,i)perylene	17.556	276	976037	44.625	ng	#	89

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

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