Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081021\
Data File : BF125026.D
Acq On : 10 Aug 2021 11:16
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 10 11:41:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 09 11:03:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	7010	20.000	ng		0.00
21) Naphthalene-d8	8.098	136	25872	20.000	ng		# 0.00
39) Acenaphthene-d10	9.851	164	13985	20.000	ng		-0.01
64) Phenanthrene-d10	11.333	188	25073	20.000	ng		-0.01
76) Chrysene-d12	13.974	240	16212	20.000	ng		#-0.01
86) Perylene-d12	15.415	264	12781	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	35260	82.396	ng		0.00
7) Phenol-d6	6.457	99	44575	82.609	ng		0.00
23) Nitrobenzene-d5	7.381	82	40794	82.485	ng		-0.01
42) 2,4,6-Tribromophenol	10.639	330	11086	88.729	ng		-0.01
45) 2-Fluorobiphenyl	9.175	172	80739	84.476	ng		0.00
79) Terphenyl-d14	12.915	244	82376	85.710	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.551	88	6420	40.101	ng	#	100
3) Pyridine	3.298	79	15194	40.843	ng		98
4) n-Nitrosodimethylamine	3.257	42	10510	39.784	ng	#	85
6) Aniline	6.481	93	23674	41.535	ng		97
8) 2-Chlorophenol	6.604	128	19333	41.186	ng		95
9) Benzaldehyde	6.369	77	11451	39.006	ng		93
10) Phenol	6.469	94	23558	42.313	ng		88
11) bis(2-Chloroethyl)ether	6.551	93	17695	42.366	ng		95
12) 1,3-Dichlorobenzene	6.757	146	21244	41.581	ng		95
13) 1,4-Dichlorobenzene	6.834	146	21010	41.136	ng		93
14) 1,2-Dichlorobenzene	6.986	146	20192	42.186	ng		97
15) Benzyl Alcohol	6.963	79	16349	42.004	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.092	45	27329	40.841	ng		92
17) 2-Methylphenol	7.075	107	14556	41.426	ng		95
18) Hexachloroethane	7.322	117	8421	42.113	ng		95
19) n-Nitroso-di-n-propyla...	7.234	70	13292	41.515	ng		90
20) 3+4-Methylphenols	7.228	107	19576	41.969	ng	#	73
22) Acetophenone	7.228	105	25809	40.732	ng	#	84
24) Nitrobenzene	7.398	77	20078	41.955	ng		90
25) Isophorone	7.639	82	34556	40.938	ng		94
26) 2-Nitrophenol	7.716	139	10161	41.812	ng	#	83
27) 2,4-Dimethylphenol	7.751	122	14431	41.891	ng		86
28) bis(2-Chloroethoxy)met...	7.845	93	20532	42.738	ng		95
29) 2,4-Dichlorophenol	7.957	162	15920	41.480	ng		95
30) 1,2,4-Trichlorobenzene	8.039	180	17902	41.621	ng		97
31) Naphthalene	8.122	128	55143	41.484	ng		98
32) Benzoic acid	7.881	122	8380	42.122	ng		92
33) 4-Chloroaniline	8.169	127	20278	40.936	ng	#	92
34) Hexachlorobutadiene	8.233	225	10821	42.129	ng		96
35) Caprolactam	8.551	113	4127	40.493	ng		91
36) 4-Chloro-3-methylphenol	8.651	107	16544	41.208	ng		87
37) 2-Methylnaphthalene	8.810	142	35859	40.123	ng		98
38) 1-Methylnaphthalene	8.910	142	34418	41.157	ng		95
40) 1,2,4,5-Tetrachloroben...	8.975	216	17025	42.412	ng		97
41) Hexachlorocyclopentadiene	8.957	237	5644	39.849	ng		94
43) 2,4,6-Trichlorophenol	9.086	196	11222	41.995	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.127	196	11702	43.260	ng		92
46) 1,1'-Biphenyl	9.275	154	43882	42.107	ng		98
47) 2-Chloronaphthalene	9.298	162	35165	42.412	ng		98
48) 2-Nitroaniline	9.398	65	10321	42.376	ng		89
49) Acenaphthylene	9.716	152	51888	41.200	ng		99
50) Dimethylphthalate	9.575	163	39308	41.477	ng		97
51) 2,6-Dinitrotoluene	9.639	165	8519	40.369	ng	#	81
52) Acenaphthene	9.886	154	31162	40.814	ng		94
53) 3-Nitroaniline	9.810	138	8805	39.614	ng		85
54) 2,4-Dinitrophenol	9.916	184	3763	38.206	ng		89
55) Dibenzofuran	10.057	168	48988	41.055	ng		99
56) 4-Nitrophenol	9.975	139	5688	38.821	ng	#	80
57) 2,4-Dinitrotoluene	10.045	165	12059	42.089	ng		95
58) Fluorene	10.398	166	37494	40.980	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.174	232	8439	41.580	ng	#	97
60) Diethylphthalate	10.269	149	40234	41.369	ng		99
61) 4-Chlorophenyl-phenyle...	10.392	204	18824	43.567	ng		88
62) 4-Nitroaniline	10.422	138	8688	40.259	ng		85
63) Azobenzene	10.551	77	39293	41.315	ng		95
65) 4,6-Dinitro-2-methylph...	10.451	198	5942	37.829	ng		95
66) n-Nitrosodiphenylamine	10.510	169	31928	39.289	ng		94
67) 4-Bromophenyl-phenylether	10.880	248	11551	42.061	ng		99
68) Hexachlorobenzene	10.945	284	12528	41.932	ng	#	87
69) Atrazine	11.039	200	9745	39.907	ng		87
70) Pentachlorophenol	11.139	266	5073	37.901	ng		97
71) Phenanthrene	11.363	178	53400	39.262	ng		98
72) Anthracene	11.410	178	54252	39.761	ng		99
73) Carbazole	11.569	167	46989	37.553	ng		99
74) Di-n-butylphthalate	11.892	149	63769	40.100	ng		98
75) Fluoranthene	12.545	202	53804	38.239	ng		97
77) Benzidine	12.668	184	15987	36.855	ng		97
78) Pyrene	12.774	202	54244	42.479	ng		97
80) Butylbenzylphthalate	13.386	149	23383	41.147	ng		92
81) Benzo(a)anthracene	13.962	228	41537	39.316	ng		99
82) 3,3'-Dichlorobenzidine	13.921	252	11250	40.391	ng		98
83) Chrysene	13.998	228	40591	39.744	ng		100
84) Bis(2-ethylhexyl)phtha...	13.945	149	32806	41.615	ng		99
85) Di-n-octyl phthalate	14.551	149	51840	41.682	ng	#	99
87) Indeno(1,2,3-cd)pyrene	16.862	276	35094	46.109	ng	#	93
88) Benzo(b)fluoranthene	14.998	252	36536	40.712	ng	#	97
89) Benzo(k)fluoranthene	15.027	252	32582	39.911	ng		98
90) Benzo(a)pyrene	15.362	252	30835	40.350	ng	#	97
91) Dibenzo(a,h)anthracene	16.874	278	30152	45.057	ng		94
92) Benzo(g,h,i)perylene	17.303	276	30078	46.856	ng	#	86

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

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