Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
Data File : BF125507.D
Acq On : 15 Sep 2021 16:40
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 15 18:27:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 15 15:08:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	169187	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	630942	20.000	ng		# 0.00
39) Acenaphthene-d10	9.910	164	343089	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	625631	20.000	ng		0.00
76) Chrysene-d12	14.051	240	435492	20.000	ng		# 0.00
86) Perylene-d12	15.527	264	339248	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	775228	72.805	ng		0.00
7) Phenol-d6	6.510	99	1040572	73.528	ng		0.00
23) Nitrobenzene-d5	7.439	82	946803	74.092	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	315594	75.526	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	1646288	70.411	ng		0.00
79) Terphenyl-d14	12.986	244	1975379	73.552	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	199356	37.914	ng	#	100
3) Pyridine	3.434	79	535038	39.244	ng	#	91
4) n-Nitrosodimethylamine	3.399	42	259770	38.281	ng	#	40
6) Aniline	6.534	93	613704	37.763	ng	#	89
8) 2-Chlorophenol	6.657	128	413931	37.072	ng		81
9) Benzaldehyde	6.422	77	311542	42.831	ng		92
10) Phenol	6.522	94	558564	34.831	ng		81
11) bis(2-Chloroethyl)ether	6.610	93	428772	37.104	ng		86
12) 1,3-Dichlorobenzene	6.810	146	479121	37.176	ng		98
13) 1,4-Dichlorobenzene	6.887	146	478707	36.842	ng		98
14) 1,2-Dichlorobenzene	7.040	146	442089	35.495	ng		98
15) Benzyl Alcohol	7.016	79	384180	37.900	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.145	45	783597	36.917	ng		95
17) 2-Methylphenol	7.128	107	348068	36.880	ng	#	91
18) Hexachloroethane	7.381	117	172700	37.757	ng	#	85
19) n-Nitroso-di-n-propyla...	7.287	70	309351	36.372	ng	#	77
20) 3+4-Methylphenols	7.281	107	403104	41.865	ng	#	71
22) Acetophenone	7.281	105	560316	36.035	ng	#	83
24) Nitrobenzene	7.457	77	502470	37.185	ng	#	87
25) Isophorone	7.692	82	902544	37.018	ng	#	88
26) 2-Nitrophenol	7.769	139	235574	38.698	ng	#	79
27) 2,4-Dimethylphenol	7.810	122	330903	37.612	ng		94
28) bis(2-Chloroethoxy)met...	7.898	93	489597	37.086	ng	#	96
29) 2,4-Dichlorophenol	8.016	162	372615	37.036	ng		95
30) 1,2,4-Trichlorobenzene	8.092	180	394281	36.718	ng		95
31) Naphthalene	8.175	128	1145466	36.449	ng		99
32) Benzoic acid	7.951	122	239459	40.108	ng		87
33) 4-Chloroaniline	8.228	127	486949	37.660	ng	#	91
34) Hexachlorobutadiene	8.286	225	261057	37.325	ng		100
35) Caprolactam	8.610	113	113950	37.389	ng	#	46
36) 4-Chloro-3-methylphenol	8.710	107	398808	37.346	ng		90
37) 2-Methylnaphthalene	8.869	142	797338	36.546	ng		99
38) 1-Methylnaphthalene	8.969	142	742464	36.518	ng		97
40) 1,2,4,5-Tetrachloroben...	9.034	216	403922	36.832	ng		97
41) Hexachlorocyclopentadiene	9.016	237	139806	39.891	ng		97
43) 2,4,6-Trichlorophenol	9.145	196	285721	37.962	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	302967	37.356	ng		93
46) 1,1'-Biphenyl	9.333	154	933503	36.287	ng		98
47) 2-Chloronaphthalene	9.357	162	773632	36.419	ng		97
48) 2-Nitroaniline	9.457	65	280732	37.739	ng	#	82
49) Acenaphthylene	9.775	152	1137398	36.199	ng		98
50) Dimethylphthalate	9.633	163	900338	36.804	ng	#	96
51) 2,6-Dinitrotoluene	9.698	165	207085	37.673	ng	#	79
52) Acenaphthene	9.945	154	689085	36.189	ng		98
53) 3-Nitroaniline	9.875	138	228445	37.882	ng		83
54) 2,4-Dinitrophenol	9.980	184	114644	39.653	ng	#	82
55) Dibenzofuran	10.122	168	1018161	35.794	ng		97
56) 4-Nitrophenol	10.039	139	164253	39.968	ng	#	80
57) 2,4-Dinitrotoluene	10.104	165	270625	38.257	ng	#	92
58) Fluorene	10.463	166	813465	36.013	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	248263	38.314	ng	#	83
60) Diethylphthalate	10.333	149	859590	36.496	ng		97
61) 4-Chlorophenyl-phenyle...	10.451	204	414178	36.452	ng		87
62) 4-Nitroaniline	10.492	138	228879	37.400	ng		86
63) Azobenzene	10.610	77	915568	36.471	ng		92
65) 4,6-Dinitro-2-methylph...	10.516	198	170059	41.419	ng		94
66) n-Nitrosodiphenylamine	10.575	169	779189	36.821	ng		96
67) 4-Bromophenyl-phenylether	10.945	248	285150	37.569	ng	#	87
68) Hexachlorobenzene	11.010	284	303755	37.362	ng	#	85
69) Atrazine	11.098	200	245063	38.711	ng		92
70) Pentachlorophenol	11.210	266	160517	43.587	ng		91
71) Phenanthrene	11.427	178	1209807	36.140	ng		97
72) Anthracene	11.480	178	1212981	36.119	ng		98
73) Carbazole	11.633	167	1143428	36.517	ng		99
74) Di-n-butylphthalate	11.957	149	1318753	36.864	ng		100
75) Fluoranthene	12.616	202	1318314	36.099	ng		97
77) Benzidine	12.739	184	527833	39.491	ng		98
78) Pyrene	12.845	202	1350080	37.532	ng		96
80) Butylbenzylphthalate	13.457	149	547572	38.110	ng		90
81) Benzo(a)anthracene	14.039	228	1183048	37.667	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	346079	36.205	ng		98
83) Chrysene	14.074	228	1127144	37.079	ng		97
84) Bis(2-ethylhexyl)phtha...	14.016	149	719857	37.834	ng	#	99
85) Di-n-octyl phthalate	14.627	149	1149870	37.535	ng		98
87) Indeno(1,2,3-cd)pyrene	17.033	276	823321	37.417	ng	#	89
88) Benzo(b)fluoranthene	15.098	252	964390	37.481	ng	#	93
89) Benzo(k)fluoranthene	15.127	252	909533	38.415	ng		99
90) Benzo(a)pyrene	15.468	252	830384	38.044	ng	#	95
91) Dibenzo(a,h)anthracene	17.045	278	702839	37.458	ng	#	94
92) Benzo(g,h,i)perylene	17.486	276	698222	37.840	ng	#	87

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

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