Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102521\
Data File : BF125914.D
Acq On : 25 Oct 2021 13:20
Operator : JU/CG
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC005

Quant Time: Oct 25 17:24:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 25 17:23:45 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	147845	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	583615	20.000	ng	#	0.00
39) Acenaphthene-d10	9.904	164	329218	20.000	ng		0.00
64) Phenanthrene-d10	11.386	188	594651	20.000	ng		0.00
76) Chrysene-d12	14.027	240	447286	20.000	ng	#	0.00
86) Perylene-d12	15.498	264	338573	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	128238	14.170	ng		-0.01
7) Phenol-d6	6.481	99	176006	15.107	ng		-0.01
23) Nitrobenzene-d5	7.422	82	117843	12.551	ng		-0.01
42) 2,4,6-Tribromophenol	10.686	330	31299	9.629	ng		0.00
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng		
79) Terphenyl-d14	12.974	244	300956	10.249	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	30267	7.855	ng	#	100
3) Pyridine	3.404	79	74060	7.429	ng	#	80
4) n-Nitrosodimethylamine	3.310	42	48312	13.463	ng	#	82
6) Aniline	6.522	93	96680	7.208	ng	#	88
8) 2-Chlorophenol	6.645	128	64627	6.520	ng	#	80
10) Phenol	6.492	94	84870	7.491	ng		94
11) bis(2-Chloroethyl)ether	6.598	93	67545	7.358	ng		84
12) 1,3-Dichlorobenzene	6.810	146	71363	6.599	ng		93
13) 1,4-Dichlorobenzene	6.887	146	71401	6.475	ng		94
14) 1,2-Dichlorobenzene	7.040	146	67788	6.563	ng		96
15) Benzyl Alcohol	6.998	79	61727	7.995	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	161613	13.766	ng		96
17) 2-Methylphenol	7.110	107	53335	6.759	ng		93
18) Hexachloroethane	7.387	117	25759	6.783	ng	#	86
19) n-Nitroso-di-n-propyla...	7.275	70	50594	8.226	ng	#	87
20) 3+4-Methylphenols	7.263	107	69251	7.116	ng		96
22) Acetophenone	7.269	105	98144	7.650	ng	#	83
24) Nitrobenzene	7.439	77	62167	6.832	ng	#	85
25) Isophorone	7.687	82	126212	7.588	ng	#	88
26) 2-Nitrophenol	7.763	139	14885	3.235	ng	#	75
27) 2,4-Dimethylphenol	7.798	122	50494	6.590	ng		88
28) bis(2-Chloroethoxy)met...	7.898	93	85242	7.383	ng	#	94
29) 2,4-Dichlorophenol	7.998	162	48494	5.875	ng		93
30) 1,2,4-Trichlorobenzene	8.092	180	59728	6.599	ng		95
31) Naphthalene	8.175	128	193047	6.841	ng		97
32) Benzoic acid	7.845	122	17528	3.253	ng		91
33) 4-Chloroaniline	8.216	127	74777	6.332	ng	#	89
34) Hexachlorobutadiene	8.298	225	37372	7.391	ng		97
35) Caprolactam	8.545	113	14671	6.152	ng	#	5
36) 4-Chloro-3-methylphenol	8.686	107	57057	7.075	ng		91
37) 2-Methylnaphthalene	8.863	142	124796	6.829	ng		89
38) 1-Methylnaphthalene	8.963	142	117938	6.651	ng		90
40) 1,2,4,5-Tetrachloroben...	9.028	216	57681	6.528	ng		98
41) Hexachlorocyclopentadiene	9.022	237	25447	5.868	ng		98
43) 2,4,6-Trichlorophenol	9.133	196	35595	5.558	ng		96
44) 2,4,5-Trichlorophenol	9.169	196	37600	5.522	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.328	154	156100	6.449	ng		96
47) 2-Chloronaphthalene	9.351	162	115429	5.873	ng		95
48) 2-Nitroaniline	9.439	65	25477	5.400	ng	#	82
49) Acenaphthylene	9.763	152	172575	5.996	ng		96
50) Dimethylphthalate	9.622	163	125321	5.783	ng		97
51) 2,6-Dinitrotoluene	9.681	165	18953	4.327	ng	#	71
52) Acenaphthene	9.933	154	113020	6.285	ng		99
53) 3-Nitroaniline	9.845	138	22947	4.430	ng	#	74
55) Dibenzofuran	10.110	168	172026	6.386	ng		94
56) 4-Nitrophenol	9.986	139	16198	4.195	ng	#	56
57) 2,4-Dinitrotoluene	10.075	165	20004	3.612	ng	#	69
58) Fluorene	10.451	166	133367	6.760	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.222	232	31158	6.062	ng	#	88
60) Diethylphthalate	10.322	149	126624	6.123	ng		97
61) 4-Chlorophenyl-phenyle...	10.445	204	64781	6.817	ng	#	85
62) 4-Nitroaniline	10.451	138	21936	4.583	ng		88
63) Azobenzene	10.604	77	146524	7.538	ng		95
66) n-Nitrosodiphenylamine	10.557	169	113083	5.575	ng		98
67) 4-Bromophenyl-phenylether	10.933	248	39256	5.961	ng		95
68) Hexachlorobenzene	10.998	284	42058	5.635	ng	#	89
69) Atrazine	11.080	200	33527	5.694	ng		97
70) Pentachlorophenol	11.186	266	18305	4.588	ng		95
71) Phenanthrene	11.410	178	200622	6.306	ng		98
72) Anthracene	11.463	178	198203	6.237	ng		97
73) Carbazole	11.616	167	190338	6.436	ng		97
74) Di-n-butylphthalate	11.957	149	189447	5.802	ng		100
75) Fluoranthene	12.598	202	205945	7.174	ng		98
77) Benzidine	12.722	184	92410	5.646	ng		98
78) Pyrene	12.827	202	213084	4.689	ng		96
80) Butylbenzylphthalate	13.457	149	60828	4.176	ng		88
81) Benzo(a)anthracene	14.016	228	176670	6.088	ng		98
82) 3,3'-Dichlorobenzidine	13.980	252	52957	5.776	ng	#	95
83) Chrysene	14.051	228	178735	6.231	ng		97
84) Bis(2-ethylhexyl)phtha...	14.021	149	79308	5.004	ng	#	94
85) Di-n-octyl phthalate	14.633	149	111375	4.218	ng	#	86
87) Indeno(1,2,3-cd)pyrene	16.951	276	99875	3.865	ng		95
88) Benzo(b)fluoranthene	15.063	252	134890	7.057	ng		96
89) Benzo(k)fluoranthene	15.092	252	132603	6.757	ng		98
90) Benzo(a)pyrene	15.427	252	101704	6.008	ng		94
91) Dibenzo(a,h)anthracene	16.974	278	84072	3.944	ng		98
92) Benzo(g,h,i)perylene	17.392	276	80792	3.711	ng		95

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

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