Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081721\
Data File : BF125073.D
Acq On : 17 Aug 2021 17:30
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF081721

Quant Time: Aug 17 18:18:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 17 16:45:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.922	152	147353	20.000	ng		0.00
21) Naphthalene-d8	8.204	136	536124	20.000	ng	#	0.00
39) Acenaphthene-d10	9.963	164	231738	20.000	ng		0.00
64) Phenanthrene-d10	11.445	188	377734	20.000	ng	#	0.00
76) Chrysene-d12	14.086	240	217641	20.000	ng		0.00
86) Perylene-d12	15.574	264	188297	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	736288	74.649	ng		0.00
7) Phenol-d6	6.540	99	885507	72.988	ng		0.00
23) Nitrobenzene-d5	7.481	82	767845	79.242	ng		0.00
42) 2,4,6-Tribromophenol	10.745	330	167490	77.414	ng		0.00
45) 2-Fluorobiphenyl	9.281	172	1182081	67.990	ng		0.00
79) Terphenyl-d14	13.027	244	977210	64.652	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.728	88	187052	37.359	ng	#	100
3) Pyridine	3.493	79	506283	37.256	ng		90
4) n-Nitrosodimethylamine	3.446	42	270088	37.063	ng	#	52
6) Aniline	6.587	93	549344	35.858	ng	#	94
8) 2-Chlorophenol	6.704	128	369307	37.402	ng	#	79
9) Benzaldehyde	6.475	77	322009	35.090	ng		94
10) Phenol	6.551	94	471390	34.755	ng		96
11) bis(2-Chloroethyl)ether	6.657	93	380060	36.783	ng		86
12) 1,3-Dichlorobenzene	6.863	146	388802	36.947	ng		96
13) 1,4-Dichlorobenzene	6.939	146	395881	37.552	ng		95
14) 1,2-Dichlorobenzene	7.092	146	361701	35.635	ng		95
15) Benzyl Alcohol	7.057	79	358996	36.279	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.198	45	845514	36.671	ng		98
17) 2-Methylphenol	7.163	107	323966	36.585	ng		98
18) Hexachloroethane	7.439	117	151211	38.067	ng		96
19) n-Nitroso-di-n-propyla...	7.334	70	278029	35.302	ng	#	84
20) 3+4-Methylphenols	7.316	107	402579	35.642	ng	#	87
22) Acetophenone	7.328	105	501967	36.110	ng		93
24) Nitrobenzene	7.504	77	426692	38.980	ng		90
25) Isophorone	7.739	82	746010	35.369	ng	#	88
26) 2-Nitrophenol	7.816	139	172673	43.022	ng	#	77
27) 2,4-Dimethylphenol	7.845	122	303330	37.398	ng		90
28) bis(2-Chloroethoxy)met...	7.951	93	407753	36.131	ng	#	97
29) 2,4-Dichlorophenol	8.051	162	281452	37.367	ng		94
30) 1,2,4-Trichlorobenzene	8.145	180	295056	37.085	ng		97
31) Naphthalene	8.228	128	985612	36.611	ng		98
32) Benzoic acid	7.939	122	216401	40.027	ng		87
33) 4-Chloroaniline	8.269	127	394247	36.172	ng	#	90
34) Hexachlorobutadiene	8.345	225	171944	38.025	ng		98
35) Caprolactam	8.633	113	84120	34.402	ng	#	54
36) 4-Chloro-3-methylphenol	8.739	107	311015	35.339	ng		91
37) 2-Methylnaphthalene	8.916	142	638817	36.258	ng		100
38) 1-Methylnaphthalene	9.016	142	600520	36.037	ng		95
40) 1,2,4,5-Tetrachloroben...	9.081	216	249980	38.272	ng		99
41) Hexachlorocyclopentadiene	9.069	237	133562	41.135	ng		93
43) 2,4,6-Trichlorophenol	9.186	196	184400	39.215	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	191344	38.241	ng		95
46) 1,1'-Biphenyl	9.380	154	728511	37.515	ng		97
47) 2-Chloronaphthalene	9.404	162	560568	37.735	ng		99
48) 2-Nitroaniline	9.498	65	201831	42.178	ng		84
49) Acenaphthylene	9.822	152	902501	37.551	ng		99
50) Dimethylphthalate	9.675	163	583463	36.575	ng		97
51) 2,6-Dinitrotoluene	9.739	165	126576	40.049	ng	#	83
52) Acenaphthene	9.992	154	548194	37.551	ng		98
53) 3-Nitroaniline	9.904	138	157094	39.866	ng	#	76
54) 2,4-Dinitrophenol	10.004	184	49600	36.096	ng	#	45
55) Dibenzofuran	10.163	168	798252	37.343	ng		97
56) 4-Nitrophenol	10.051	139	126150	39.613	ng	#	79
57) 2,4-Dinitrotoluene	10.139	165	158486	42.111	ng	#	95
58) Fluorene	10.510	166	562216	36.153	ng		92
59) 2,3,4,6-Tetrachlorophenol	10.275	232	141244	39.002	ng	#	97
60) Diethylphthalate	10.380	149	623618	36.635	ng		98
61) 4-Chlorophenyl-phenyle...	10.498	204	260900	37.026	ng		91
62) 4-Nitroaniline	10.516	138	133976	37.536	ng	#	84
63) Azobenzene	10.663	77	716264	37.052	ng		92
65) 4,6-Dinitro-2-methylph...	10.545	198	68415	38.537	ng		98
66) n-Nitrosodiphenylamine	10.616	169	509129	37.782	ng		97
67) 4-Bromophenyl-phenylether	10.992	248	156016	39.194	ng		96
68) Hexachlorobenzene	11.051	284	169849	38.831	ng		94
69) Atrazine	11.139	200	131579	37.070	ng		95
70) Pentachlorophenol	11.245	266	101602	39.708	ng		96
71) Phenanthrene	11.469	178	761336	37.609	ng		97
72) Anthracene	11.522	178	754601	37.425	ng		99
73) Carbazole	11.674	167	762934	36.550	ng		99
74) Di-n-butylphthalate	12.004	149	893021	38.028	ng		99
75) Fluoranthene	12.657	202	757204	37.587	ng		95
77) Benzidine	12.774	184	317772	33.962	ng		97
78) Pyrene	12.886	202	769048	35.279	ng		98
80) Butylbenzylphthalate	13.504	149	320103	36.477	ng		91
81) Benzo(a)anthracene	14.074	228	530576	38.360	ng		99
82) 3,3'-Dichlorobenzidine	14.033	252	172168	37.075	ng		98
83) Chrysene	14.110	228	533327	37.986	ng		97
84) Bis(2-ethylhexyl)phtha...	14.063	149	401593	38.549	ng		99
85) Di-n-octyl phthalate	14.680	149	655734	43.471	ng		97
87) Indeno(1,2,3-cd)pyrene	17.080	276	317000	48.590	ng		96
88) Benzo(b)fluoranthene	15.139	252	442603	34.636	ng		98
89) Benzo(k)fluoranthene	15.168	252	447883	37.025	ng	#	97
90) Benzo(a)pyrene	15.515	252	390078	36.425	ng		97
91) Dibenzo(a,h)anthracene	17.104	278	300212	48.481	ng		98
92) Benzo(g,h,i)perylene	17.533	276	256023	42.466	ng		96

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

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