Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111422\
Data File : BF131226.D
Acq On : 14 Nov 2022 15:09
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Nov 15 03:29:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 15 03:24:29 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	80790	20.000	ng		0.00
21) Naphthalene-d8	8.098	136	239166	20.000	ng	#	0.00
39) Acenaphthene-d10	9.857	164	157118	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	203877	20.000	ng		0.00
76) Chrysene-d12	13.992	240	181482	20.000	ng		0.00
86) Perylene-d12	15.451	264	145238	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	532663	100.868	ng		0.00
7) Phenol-d6	6.451	99	643551	97.905	ng		0.00
23) Nitrobenzene-d5	7.387	82	613079	109.981	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	155628	100.006	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	1066155	94.236	ng		0.00
79) Terphenyl-d14	12.933	244	1079076	102.013	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.522	88	114764	50.336	ng		99
3) Pyridine	3.269	79	310650	48.728	ng		97
4) n-Nitrosodimethylamine	3.252	42	213305	49.269	ng		98
6) Aniline	6.481	93	442021	53.883	ng		100
8) 2-Chlorophenol	6.598	128	266542	48.790	ng		92
9) Benzaldehyde	6.363	77	166289	43.893	ng		97
10) Phenol	6.469	94	410262	52.867	ng		88
11) bis(2-Chloroethyl)ether	6.551	93	295292	52.920	ng		96
12) 1,3-Dichlorobenzene	6.751	146	262492	42.810	ng		96
13) 1,4-Dichlorobenzene	6.828	146	359352	55.362	ng		99
14) 1,2-Dichlorobenzene	6.981	146	323652	56.890	ng		98
15) Benzyl Alcohol	6.963	79	279096	62.479	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.087	45	569225	56.397	ng		96
17) 2-Methylphenol	7.075	107	266599	54.489	ng		96
18) Hexachloroethane	7.322	117	111907	42.741	ng		90
19) n-Nitroso-di-n-propyla...	7.240	70	221064	48.874	ng		96
20) 3+4-Methylphenols	7.228	107	293845	49.077	ng	#	82
22) Acetophenone	7.234	105	400584	62.364	ng		99
24) Nitrobenzene	7.404	77	300546	54.165	ng		97
25) Isophorone	7.645	82	568942	62.929	ng		99
26) 2-Nitrophenol	7.716	139	166608	70.054	ng		92
27) 2,4-Dimethylphenol	7.757	122	244163	68.344	ng		96
28) bis(2-Chloroethoxy)met...	7.851	93	348945	72.851	ng		99
29) 2,4-Dichlorophenol	7.963	162	262085	70.580	ng		98
30) 1,2,4-Trichlorobenzene	8.040	180	227413	54.070	ng		98
31) Naphthalene	8.122	128	709895	54.344	ng		99
32) Benzoic acid	7.916	122	155621	89.720	ng		99
33) 4-Chloroaniline	8.175	127	276415	54.446	ng		99
34) Hexachlorobutadiene	8.228	225	191791	65.867	ng		99
35) Caprolactam	8.575	113	86073m	78.011	ng		
36) 4-Chloro-3-methylphenol	8.663	107	305997	70.582	ng		99
37) 2-Methylnaphthalene	8.810	142	585903	71.316	ng		100
38) 1-Methylnaphthalene	8.910	142	436366	55.717	ng		99
40) 1,2,4,5-Tetrachloroben...	8.975	216	231490	46.562	ng		99
41) Hexachlorocyclopentadiene	8.957	237	78618	64.047	ng		97
43) 2,4,6-Trichlorophenol	9.092	196	185479	61.125	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	168860	51.884	ng		97
46) 1,1'-Biphenyl	9.281	154	574197	48.630	ng		98
47) 2-Chloronaphthalene	9.304	162	439391	45.353	ng		99
48) 2-Nitroaniline	9.404	65	178037	47.908	ng		94
49) Acenaphthylene	9.722	152	861793	58.537	ng		99
50) Dimethylphthalate	9.586	163	625054	52.891	ng		100
51) 2,6-Dinitrotoluene	9.651	165	149570	57.381	ng		99
52) Acenaphthene	9.892	154	524972	56.131	ng		100
53) 3-Nitroaniline	9.822	138	166976	60.467	ng		100
54) 2,4-Dinitrophenol	9.934	184	77570	71.070	ng		95
55) Dibenzofuran	10.063	168	743094	52.402	ng		98
56) 4-Nitrophenol	9.992	139	97387	66.237	ng		92
57) 2,4-Dinitrotoluene	10.057	165	192391	57.519	ng		87
58) Fluorene	10.410	166	622494	51.812	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	177201	60.294	ng		97
60) Diethylphthalate	10.281	149	677590	53.694	ng		98
61) 4-Chlorophenyl-phenyle...	10.398	204	293278	52.238	ng		95
62) 4-Nitroaniline	10.445	138	161727	53.397	ng		95
63) Azobenzene	10.563	77	712692	54.858	ng		97
65) 4,6-Dinitro-2-methylph...	10.469	198	115707	74.934	ng		97
66) n-Nitrosodiphenylamine	10.522	169	546525	69.306	ng		99
67) 4-Bromophenyl-phenylether	10.886	248	142598	59.158	ng		92
68) Hexachlorobenzene	10.951	284	172948	65.473	ng		94
69) Atrazine	11.051	200	161139	71.479	ng		97
70) Pentachlorophenol	11.151	266	57396	73.610	ng		95
71) Phenanthrene	11.375	178	803556	68.383	ng		99
72) Anthracene	11.422	178	666644	59.207	ng		99
73) Carbazole	11.581	167	790631	73.377	ng		98
74) Di-n-butylphthalate	11.904	149	789820	59.488	ng		99
75) Fluoranthene	12.563	202	906975	73.141	ng		99
77) Benzidine	12.680	184	181201	39.785	ng		98
78) Pyrene	12.792	202	780949	50.620	ng		99
80) Butylbenzylphthalate	13.404	149	297272	48.066	ng		99
81) Benzo(a)anthracene	13.980	228	773511	59.982	ng		98
82) 3,3'-Dichlorobenzidine	13.945	252	204618	54.505	ng		98
83) Chrysene	14.022	228	732219	59.571	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	489910	62.303	ng	#	98
85) Di-n-octyl phthalate	14.574	149	689255	60.232	ng		98
87) Indeno(1,2,3-cd)pyrene	16.921	276	628978	63.079	ng		98
88) Benzo(b)fluoranthene	15.027	252	582231	54.710	ng	#	97
89) Benzo(k)fluoranthene	15.057	252	585147	58.478	ng		98
90) Benzo(a)pyrene	15.392	252	493721	59.280	ng	#	96
91) Dibenzo(a,h)anthracene	16.939	278	510920	62.616	ng	#	96
92) Benzo(g,h,i)perylene	17.374	276	522550	61.839	ng		98

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

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