Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111422\
Data File : BF131227.D
Acq On : 14 Nov 2022 15:40
Operator : CG\JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Nov 15 03:30:05 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	75947	20.000	ng		0.00
21) Naphthalene-d8	8.098	136	257872	20.000	ng		0.00
39) Acenaphthene-d10	9.857	164	152174	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	254961	20.000	ng		0.00
76) Chrysene-d12	13.992	240	118358	20.000	ng		0.00
86) Perylene-d12	15.451	264	97650	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	703320	141.677	ng		0.01
7) Phenol-d6	6.457	99	829297	134.208	ng		0.01
23) Nitrobenzene-d5	7.393	82	970961	161.547	ng		0.01
42) 2,4,6-Tribromophenol	10.651	330	238819	158.450	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	1286794	117.433	ng		0.00
79) Terphenyl-d14	12.933	244	1292665	187.381	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.522	88	160798	75.025	ng		99
3) Pyridine	3.275	79	424353	70.808	ng		96
4) n-Nitrosodimethylamine	3.263	42	283091	69.557	ng		95
6) Aniline	6.487	93	498902	64.695	ng		99
8) 2-Chlorophenol	6.604	128	340922	66.384	ng		96
9) Benzaldehyde	6.363	77	248337	69.730	ng		94
10) Phenol	6.475	94	476655	65.339	ng		87
11) bis(2-Chloroethyl)ether	6.557	93	357328	68.121	ng		97
12) 1,3-Dichlorobenzene	6.751	146	437946	75.979	ng		96
13) 1,4-Dichlorobenzene	6.828	146	413293	67.733	ng		99
14) 1,2-Dichlorobenzene	6.987	146	383264	71.665	ng		98
15) Benzyl Alcohol	6.969	79	329674	78.507	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.093	45	590670	62.253	ng		99
17) 2-Methylphenol	7.075	107	280500	60.986	ng		96
18) Hexachloroethane	7.322	117	183001	74.351	ng		91
19) n-Nitroso-di-n-propyla...	7.245	70	333981	78.546	ng		93
20) 3+4-Methylphenols	7.234	107	436505	77.553	ng	#	78
22) Acetophenone	7.234	105	579358	83.653	ng	#	94
24) Nitrobenzene	7.410	77	483838	80.873	ng		99
25) Isophorone	7.651	82	698530	71.657	ng		99
26) 2-Nitrophenol	7.716	139	178197	69.492	ng	#	86
27) 2,4-Dimethylphenol	7.757	122	246548	64.005	ng		96
28) bis(2-Chloroethoxy)met...	7.851	93	378790	73.345	ng		99
29) 2,4-Dichlorophenol	7.963	162	338060	84.436	ng		97
30) 1,2,4-Trichlorobenzene	8.040	180	357212	78.770	ng		100
31) Naphthalene	8.122	128	1051269	74.640	ng		99
32) Benzoic acid	7.934	122	174943	93.544	ng		96
33) 4-Chloroaniline	8.181	127	427571	78.111	ng		98
34) Hexachlorobutadiene	8.228	225	240651	76.652	ng		99
35) Caprolactam	8.587	113	89090m	74.888	ng		
36) 4-Chloro-3-methylphenol	8.669	107	323731	69.256	ng		100
37) 2-Methylnaphthalene	8.810	142	574836	64.893	ng		98
38) 1-Methylnaphthalene	8.910	142	667202	79.011	ng		100
41) Hexachlorocyclopentadiene	8.957	237	109137	91.798	ng		100
43) 2,4,6-Trichlorophenol	9.092	196	186604	63.494	ng		99
44) 2,4,5-Trichlorophenol	9.139	196	209769	66.548	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.281	154	876783	76.669	ng		99
47) 2-Chloronaphthalene	9.304	162	709660	75.629	ng		99
48) 2-Nitroaniline	9.410	65	290442	80.694	ng		97
49) Acenaphthylene	9.722	152	1063466	74.583	ng		99
50) Dimethylphthalate	9.592	163	870853	76.084	ng		100
51) 2,6-Dinitrotoluene	9.657	165	186800	73.992	ng		92
52) Acenaphthene	9.892	154	665437	73.461	ng		100
53) 3-Nitroaniline	9.828	138	211329	79.015	ng		99
54) 2,4-Dinitrophenol	9.934	184	103965	98.348	ng		93
55) Dibenzofuran	10.069	168	955749	69.588	ng		99
56) 4-Nitrophenol	9.992	139	126193	88.618	ng		97
57) 2,4-Dinitrotoluene	10.063	165	237220	73.225	ng	#	85
58) Fluorene	10.410	166	797780	68.559	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	216908	76.203	ng		99
60) Diethylphthalate	10.286	149	840604	68.776	ng		100
61) 4-Chlorophenyl-phenyle...	10.398	204	379607	69.811	ng		97
62) 4-Nitroaniline	10.451	138	206700	70.463	ng		94
63) Azobenzene	10.563	77	896763	71.269	ng		99
65) 4,6-Dinitro-2-methylph...	10.475	198	146857	76.051	ng		99
66) n-Nitrosodiphenylamine	10.528	169	691658	70.137	ng		99
67) 4-Bromophenyl-phenylether	10.892	248	226899	75.271	ng		98
68) Hexachlorobenzene	10.957	284	249227	75.446	ng		97
69) Atrazine	11.057	200	204618	72.580	ng		98
70) Pentachlorophenol	11.151	266	98518	101.034	ng		95
71) Phenanthrene	11.375	178	1088345	74.061	ng		100
72) Anthracene	11.428	178	1067436	75.808	ng		100
73) Carbazole	11.586	167	931197	69.107	ng		99
74) Di-n-butylphthalate	11.904	149	1206533	72.666	ng		99
77) Benzidine	12.686	184	230999	77.768	ng		97
78) Pyrene	12.792	202	885646	88.023	ng		99
80) Butylbenzylphthalate	13.404	149	380359	94.301	ng		99
81) Benzo(a)anthracene	13.980	228	689231	81.951	ng		99
82) 3,3'-Dichlorobenzidine	13.945	252	171575	70.078	ng		96
83) Chrysene	14.021	228	653185	81.482	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	419098	81.723	ng	#	99
85) Di-n-octyl phthalate	14.574	149	596872	79.977	ng		99
87) Indeno(1,2,3-cd)pyrene	16.933	276	652192	97.282	ng		98
88) Benzo(b)fluoranthene	15.027	252	558620	78.072	ng		98
89) Benzo(k)fluoranthene	15.063	252	488886	72.668	ng		97
90) Benzo(a)pyrene	15.392	252	447376	79.893	ng		99
91) Dibenzo(a,h)anthracene	16.951	278	530718	96.739	ng		99
92) Benzo(g,h,i)perylene	17.380	276	547661	96.395	ng		98

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

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