Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090122\
Data File : BF130077.D
Acq On : 01 Sep 2022 14:11
Operator : CG\JU
Sample : N4421-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022

Quant Time: Sep 02 03:58:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 18:15:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.704	152	260398	20.000	ng		0.00
21) Naphthalene-d8	7.986	136	1017643	20.000	ng		0.00
39) Acenaphthene-d10	9.739	164	498543	20.000	ng		0.00
64) Phenanthrene-d10	11.216	188	793884	20.000	ng	#	0.00
76) Chrysene-d12	13.851	240	510559	20.000	ng	#	0.00
86) Perylene-d12	15.251	264	495920	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.340	112	1799227	117.300	ng		0.03
7) Phenol-d6	6.345	99	2084442	109.002	ng		0.00
23) Nitrobenzene-d5	7.275	82	1482253	93.607	ng		0.00
42) 2,4,6-Tribromophenol	10.527	330	619766	136.569	ng		0.00
45) 2-Fluorobiphenyl	9.069	172	2645776	87.988	ng		0.00
79) Terphenyl-d14	12.804	244	2519742	85.583	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	277560m	38.720	ng		
3) Pyridine	3.304	79	637733	33.177	ng		92
4) n-Nitrosodimethylamine	3.222	42	317043	41.940	ng		80
6) Aniline	6.369	93	425409	17.744	ng	#	51
8) 2-Chlorophenol	6.486	128	787453	46.773	ng		99
9) Benzaldehyde	6.257	77	317872	27.158	ng		95
10) Phenol	6.357	94	791912	36.637	ng	#	60
11) bis(2-Chloroethyl)ether	6.445	93	751152	45.737	ng		99
12) 1,3-Dichlorobenzene	6.645	146	788266	42.237	ng		97
13) 1,4-Dichlorobenzene	6.722	146	792562	42.159	ng		96
14) 1,2-Dichlorobenzene	6.875	146	758913	44.409	ng		97
15) Benzyl Alcohol	6.851	79	603022	46.784	ng		91
16) 2,2'-oxybis(1-Chloropr...	6.986	45	956921	42.873	ng	#	52
17) 2-Methylphenol	6.963	107	610120	43.074	ng	#	87
18) Hexachloroethane	7.216	117	298443	43.963	ng		96
19) n-Nitroso-di-n-propyla...	7.128	70	494351	42.911	ng		94
20) 3+4-Methylphenols	7.116	107	687489	41.389	ng	#	73
22) Acetophenone	7.122	105	1023867	45.034	ng	#	96
24) Nitrobenzene	7.292	77	764659	45.406	ng		97
25) Isophorone	7.533	82	1442056	44.994	ng		98
26) 2-Nitrophenol	7.604	139	403133	50.743	ng		93
27) 2,4-Dimethylphenol	7.645	122	685443m	50.970	ng		
28) bis(2-Chloroethoxy)met...	7.745	93	939144	48.781	ng		98
29) 2,4-Dichlorophenol	7.845	162	633650	44.050	ng		98
30) 1,2,4-Trichlorobenzene	7.928	180	642701	42.374	ng		98
31) Naphthalene	8.010	128	2187767	42.625	ng		99
32) Benzoic acid	7.733	122	156510m	18.874	ng		
33) 4-Chloroaniline	8.057	127	285496	13.768	ng		99
34) Hexachlorobutadiene	8.128	225	362757	41.761	ng		99
35) Caprolactam	8.445	113	153880	34.520	ng		93
36) 4-Chloro-3-methylphenol	8.545	107	620614	42.636	ng		92
37) 2-Methylnaphthalene	8.698	142	1426804	43.156	ng		97
38) 1-Methylnaphthalene	8.798	142	1358992	42.289	ng		98
40) 1,2,4,5-Tetrachloroben...	8.863	216	588508	45.270	ng		99
41) Hexachlorocyclopentadiene	8.851	237	709306	104.402	ng		97
43) 2,4,6-Trichlorophenol	8.975	196	452090	48.720	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.016	196	402935	40.062	ng		96
46) 1,1'-Biphenyl	9.163	154	1650226	45.562	ng		99
47) 2-Chloronaphthalene	9.186	162	1274471	43.916	ng		99
48) 2-Nitroaniline	9.286	65	373423	52.217	ng		90
49) Acenaphthylene	9.604	152	1929987	43.795	ng		99
50) Dimethylphthalate	9.475	163	1314670	38.716	ng		100
51) 2,6-Dinitrotoluene	9.533	165	328666	49.644	ng	#	85
52) Acenaphthene	9.774	154	1187961	42.774	ng		99
53) 3-Nitroaniline	9.698	138	220832	29.061	ng		94
54) 2,4-Dinitrophenol	9.798	184	46376	21.961	ng	#	81
55) Dibenzofuran	9.945	168	1737647	43.693	ng		99
56) 4-Nitrophenol	9.863	139	490737	83.764	ng		89
57) 2,4-Dinitrotoluene	9.933	165	418918	54.959	ng	#	80
58) Fluorene	10.286	166	1261662	41.695	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.063	232	300807	38.507	ng	#	78
60) Diethylphthalate	10.169	149	1386176	42.196	ng		99
61) 4-Chlorophenyl-phenyle...	10.280	204	570790	42.671	ng		98
62) 4-Nitroaniline	10.316	138	355610	48.118	ng		92
63) Azobenzene	10.439	77	1312590	40.582	ng		96
65) 4,6-Dinitro-2-methylph...	10.333	198	53360	18.549	ng		93
66) n-Nitrosodiphenylamine	10.404	169	1166519	43.955	ng		99
67) 4-Bromophenyl-phenylether	10.769	248	394432	44.667	ng		99
68) Hexachlorobenzene	10.827	284	426443	44.320	ng		96
69) Atrazine	10.933	200	362284	48.253	ng		98
70) Pentachlorophenol	11.021	266	289382	53.784	ng		96
71) Phenanthrene	11.245	178	1806004	41.948	ng		99
72) Anthracene	11.298	178	1841415	43.508	ng		99
73) Carbazole	11.451	167	1769757	45.345	ng		100
74) Di-n-butylphthalate	11.792	149	2075655	44.104	ng		100
75) Fluoranthene	12.427	202	1863397	43.646	ng		96
77) Benzidine	12.557	184	668392	48.488	ng		99
78) Pyrene	12.657	202	1859350	40.602	ng		98
80) Butylbenzylphthalate	13.286	149	866777	47.586	ng		98
81) Benzo(a)anthracene	13.839	228	1487349	42.509	ng		98
82) 3,3'-Dichlorobenzidine	13.810	252	356927	32.712	ng		98
83) Chrysene	13.880	228	1477443	42.829	ng		99
84) Bis(2-ethylhexyl)phtha...	13.845	149	1041800	46.014	ng		100
85) Di-n-octyl phthalate	14.457	149	1887448	52.775	ng		98
87) Indeno(1,2,3-cd)pyrene	16.603	276	1441404	44.062	ng	#	95
88) Benzo(b)fluoranthene	14.857	252	1498546	45.313	ng		98
89) Benzo(k)fluoranthene	14.886	252	1385230	43.309	ng		97
90) Benzo(a)pyrene	15.198	252	1234668	46.983	ng		98
91) Dibenzo(a,h)anthracene	16.627	278	1234038	46.101	ng	#	95
92) Benzo(g,h,i)perylene	17.015	276	1250062	46.676	ng	#	92

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

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