Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
Data File : BF132744.D
Acq On : 10 Mar 2023 16:35
Operator : CG\JU
Sample : 01853-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

Quant Time: Mar 10 17:51:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 16:26:19 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.981	152	222088	20.000	ng		0.00
21) Naphthalene-d8	8.269	136	827398	20.000	ng		0.00
39) Acenaphthene-d10	10.028	164	442861	20.000	ng		0.00
64) Phenanthrene-d10	11.527	188	874798	20.000	ng		0.00
76) Chrysene-d12	14.186	240	429137	20.000	ng		0.00
86) Perylene-d12	15.727	264	492554	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.622	112	1404364	102.628	ng		0.01
7) Phenol-d6	6.616	99	1876683	105.084	ng		0.00
23) Nitrobenzene-d5	7.551	82	1267713	72.693	ng		0.00
42) 2,4,6-Tribromophenol	10.828	330	485368	101.484	ng		0.00
45) 2-Fluorobiphenyl	9.345	172	1999350	68.742	ng		0.00
79) Terphenyl-d14	13.116	244	1935470	76.255	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.916	88	321106	42.422	ng		95
3) Pyridine	3.675	79	789490	39.293	ng		95
4) n-Nitrosodimethylamine	3.646	42	316645	41.722	ng		87
6) Aniline	6.645	93	801786	33.361	ng		96
8) 2-Chlorophenol	6.769	128	688551	48.482	ng		97
9) Benzaldehyde	6.534	77	326955	33.928	ng		94
10) Phenol	6.634	94	891206	43.527	ng		97
11) bis(2-Chloroethyl)ether	6.710	93	731877	46.303	ng		96
12) 1,3-Dichlorobenzene	6.922	146	717844	47.100	ng		98
13) 1,4-Dichlorobenzene	6.998	146	719582	47.284	ng		99
14) 1,2-Dichlorobenzene	7.151	146	686783	47.023	ng		99
15) Benzyl Alcohol	7.128	79	645494	46.931	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.251	45	871241	43.225	ng		93
17) 2-Methylphenol	7.234	107	561975	42.398	ng		99
18) Hexachloroethane	7.492	117	285626	48.041	ng		97
19) n-Nitroso-di-n-propyla...	7.398	70	454348	41.338	ng		92
20) 3+4-Methylphenols	7.387	107	637225	37.212	ng		93
22) Acetophenone	7.392	105	876269	42.000	ng	#	92
24) Nitrobenzene	7.569	77	775963	41.604	ng		98
25) Isophorone	7.804	82	1457564	43.594	ng		99
26) 2-Nitrophenol	7.881	139	378217	45.960	ng		99
27) 2,4-Dimethylphenol	7.916	122	581219	44.750	ng		100
28) bis(2-Chloroethoxy)met...	8.010	93	876276	44.801	ng		99
29) 2,4-Dichlorophenol	8.128	162	581675	45.022	ng		99
30) 1,2,4-Trichlorobenzene	8.204	180	645047	45.979	ng		99
31) Naphthalene	8.292	128	1808522	42.697	ng		100
32) Benzoic acid	8.051	122	365968m	36.736	ng		
33) 4-Chloroaniline	8.334	127	221139	12.183	ng		95
34) Hexachlorobutadiene	8.398	225	422453	47.388	ng		98
35) Caprolactam	8.728	113	198004m	46.487	ng		
36) 4-Chloro-3-methylphenol	8.828	107	627726	44.241	ng		96
37) 2-Methylnaphthalene	8.981	142	1227024	42.507	ng		100
38) 1-Methylnaphthalene	9.081	142	1129616	41.874	ng		100
40) 1,2,4,5-Tetrachloroben...	9.151	216	668565	46.142	ng		100
41) Hexachlorocyclopentadiene	9.133	237	683096	86.920	ng		98
43) 2,4,6-Trichlorophenol	9.263	196	450166	45.845	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.310	196	471672	41.156	ng	99
46) 1,1'-Biphenyl	9.445	154	1490851	44.477	ng	98
47) 2-Chloronaphthalene	9.475	162	1203918	45.301	ng	100
48) 2-Nitroaniline	9.575	65	396422	40.501	ng	90
49) Acenaphthylene	9.892	152	1806176	42.704	ng	99
50) Dimethylphthalate	9.745	163	1454059	45.093	ng	100
51) 2,6-Dinitrotoluene	9.816	165	326220	44.422	ng	90
52) Acenaphthene	10.063	154	1245663m	46.381	ng	
53) 3-Nitroaniline	9.986	138	195096	23.749	ng	97
54) 2,4-Dinitrophenol	10.098	184	312361	67.786	ng	92
55) Dibenzofuran	10.239	168	1630943	41.655	ng	98
56) 4-Nitrophenol	10.157	139	416161	67.930	ng	96
57) 2,4-Dinitrotoluene	10.222	165	424196	43.419	ng	100
58) Fluorene	10.586	166	1311370	43.787	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.357	232	378770	44.491	ng	99
60) Diethylphthalate	10.445	149	1395377	44.308	ng	99
61) 4-Chlorophenyl-phenyle...	10.569	204	693987	44.668	ng	98
62) 4-Nitroaniline	10.610	138	321149	39.826	ng	94
63) Azobenzene	10.733	77	1585224	47.529	ng	97
65) 4,6-Dinitro-2-methylph...	10.633	198	235358	39.743	ng	98
66) n-Nitrosodiphenylamine	10.692	169	1164416	42.696	ng	99
67) 4-Bromophenyl-phenylether	11.063	248	456593	46.142	ng	98
68) Hexachlorobenzene	11.133	284	512566	49.227	ng	97
69) Atrazine	11.216	200	423175	49.702	ng	99
70) Pentachlorophenol	11.333	266	438335	70.758	ng	99
71) Phenanthrene	11.551	178	1914309	42.241	ng	99
72) Anthracene	11.604	178	1949409	41.772	ng	99
73) Carbazole	11.757	167	1669208	39.671	ng	100
74) Di-n-butylphthalate	12.074	149	2096455	42.476	ng	100
75) Fluoranthene	12.745	202	1760380	35.533	ng	99
77) Benzidine	12.863	184	549775	52.628	ng	100
78) Pyrene	12.980	202	1751319	44.887	ng	100
80) Butylbenzylphthalate	13.586	149	736956	47.865	ng	99
81) Benzo(a)anthracene	14.174	228	1398525	43.555	ng	98
82) 3,3'-Dichlorobenzidine	14.127	252	238397	25.184	ng	98
83) Chrysene	14.210	228	1310049	43.631	ng	99
84) Bis(2-ethylhexyl)phtha...	14.139	149	960148	50.764	ng	100
85) Di-n-octyl phthalate	14.763	149	1570582	56.825	ng	98
87) Indeno(1,2,3-cd)pyrene	17.327	276	1661007	51.465	ng	99
88) Benzo(b)fluoranthene	15.268	252	1373253	41.603	ng	99
89) Benzo(k)fluoranthene	15.298	252	1368715	42.368	ng	98
90) Benzo(a)pyrene	15.662	252	1282802	41.524	ng	99
91) Dibenzo(a,h)anthracene	17.345	278	1359530	51.701	ng	97
92) Benzo(g,h,i)perylene	17.815	276	1389555	46.801	ng	99

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

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