Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061824\
Data File : BF138229.D
Acq On : 18 Jun 2024 17:29
Operator : CG\JU
Sample : P2915-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 18 17:52:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:52:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	376842	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	1482222	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	759741	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	1053914	20.000	ng		0.00
76) Chrysene-d12	14.051	240	662766	20.000	ng		0.00
86) Perylene-d12	15.521	264	577776	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	2640757	117.225	ng		0.03
7) Phenol-d6	6.528	99	3231515	113.127	ng		0.00
23) Nitrobenzene-d5	7.457	82	2245817	88.208	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	837621	110.747	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	4033902	84.430	ng		0.00
79) Terphenyl-d14	12.998	244	3243984	77.522	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.934	88	415002	40.256	ng	#	83
3) Pyridine	3.610	79	805141	32.861	ng		100
4) n-Nitrosodimethylamine	3.563	42	543372	47.918	ng		94
6) Aniline	6.557	93	490179	17.537	ng		98
8) 2-Chlorophenol	6.681	128	1228032	50.422	ng		97
9) Benzaldehyde	6.445	77	269320	17.751	ng		99
10) Phenol	6.545	94	1325787m	45.734	ng		
11) bis(2-Chloroethyl)ether	6.634	93	1164752	50.202	ng		98
12) 1,3-Dichlorobenzene	6.834	146	1234782	44.612	ng		99
13) 1,4-Dichlorobenzene	6.910	146	1249357	44.853	ng		99
14) 1,2-Dichlorobenzene	7.063	146	1206318	46.133	ng		100
15) Benzyl Alcohol	7.039	79	1027464	53.345	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	1568523	47.902	ng		96
17) 2-Methylphenol	7.145	107	970420	50.502	ng		98
18) Hexachloroethane	7.404	117	439326	46.556	ng		94
19) n-Nitroso-di-n-propyla...	7.310	70	852752	50.362	ng		98
20) 3+4-Methylphenols	7.298	107	1112147	45.983	ng		95
22) Acetophenone	7.304	105	1455886	42.997	ng	#	95
24) Nitrobenzene	7.481	77	1236976	47.007	ng		92
25) Isophorone	7.716	82	2303174	50.011	ng		100
26) 2-Nitrophenol	7.792	139	654285	61.833	ng		99
27) 2,4-Dimethylphenol	7.828	122	868403m	53.944	ng		
28) bis(2-Chloroethoxy)met...	7.928	93	1466000	50.853	ng		100
29) 2,4-Dichlorophenol	8.034	162	1005888	48.533	ng		98
30) 1,2,4-Trichlorobenzene	8.116	180	1119321	45.794	ng		98
31) Naphthalene	8.198	128	3318076	45.272	ng		99
32) Benzoic acid	7.951	122	689609	48.604	ng		98
33) 4-Chloroaniline	8.239	127	161635	5.900	ng		98
34) Hexachlorobutadiene	8.310	225	641739	44.892	ng		99
35) Caprolactam	8.622	113	270226m	43.187	ng		
36) 4-Chloro-3-methylphenol	8.728	107	1010139	48.950	ng		97
37) 2-Methylnaphthalene	8.886	142	2246738	46.708	ng		99
38) 1-Methylnaphthalene	8.986	142	2079541	44.117	ng		100
40) 1,2,4,5-Tetrachloroben...	9.051	216	1015444	45.739	ng		99
41) Hexachlorocyclopentadiene	9.039	237	665902	91.987	ng		100
43) 2,4,6-Trichlorophenol	9.163	196	730706	52.564	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	737929	48.338	ng		97
46) 1,1'-Biphenyl	9.351	154	2567943	46.063	ng		100
47) 2-Chloronaphthalene	9.375	162	2076550	47.131	ng		100
48) 2-Nitroaniline	9.475	65	578014	54.476	ng		90
49) Acenaphthylene	9.792	152	3101651	50.204	ng		99
50) Dimethylphthalate	9.657	163	2514383	54.015	ng		100
51) 2,6-Dinitrotoluene	9.716	165	553318	54.792	ng		89
52) Acenaphthene	9.963	154	2046288	48.573	ng		99
53) 3-Nitroaniline	9.880	138	276876	25.665	ng		93
54) 2,4-Dinitrophenol	9.986	184	351193	71.460	ng		92
55) Dibenzofuran	10.139	168	2695690	45.773	ng		98
56) 4-Nitrophenol	10.039	139	622759	73.048	ng		94
57) 2,4-Dinitrotoluene	10.116	165	675996	54.273	ng	#	91
58) Fluorene	10.480	166	1984479	42.857	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	550685	46.157	ng		99
60) Diethylphthalate	10.351	149	2364428	53.518	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	1070903	46.437	ng		99
62) 4-Nitroaniline	10.498	138	427042	39.618	ng		97
63) Azobenzene	10.627	77	2076827	46.922	ng		99
65) 4,6-Dinitro-2-methylph...	10.522	198	262732	48.789	ng		85
66) n-Nitrosodiphenylamine	10.592	169	1839252	57.003	ng		100
67) 4-Bromophenyl-phenylether	10.957	248	677979	57.089	ng	#	91
68) Hexachlorobenzene	11.022	284	715943	51.659	ng		99
69) Atrazine	11.116	200	530097	57.680	ng		98
70) Pentachlorophenol	11.216	266	710831	87.945	ng		98
71) Phenanthrene	11.439	178	2525882	48.463	ng		100
72) Anthracene	11.492	178	2564868	49.565	ng		100
73) Carbazole	11.645	167	2083952	43.908	ng		99
74) Di-n-butylphthalate	11.974	149	3008350	61.226	ng		100
75) Fluoranthene	12.621	202	2350321	44.223	ng		98
77) Benzidine	12.745	184	249113	32.496	ng		97
78) Pyrene	12.851	202	2376740	41.575	ng		99
80) Butylbenzylphthalate	13.468	149	1048425	67.423	ng		92
81) Benzo(a)anthracene	14.039	228	2127741	50.041	ng		100
82) 3,3'-Dichlorobenzidine	13.998	252	448156	38.274	ng	#	98
83) Chrysene	14.074	228	2098978	51.790	ng		100
84) Bis(2-ethylhexyl)phtha...	14.027	149	1489782	82.374	ng		98
85) Di-n-octyl phthalate	14.645	149	2575180	95.845	ng		99
87) Indeno(1,2,3-cd)pyrene	16.998	276	1694921	44.999	ng		99
88) Benzo(b)fluoranthene	15.092	252	1905919	55.938	ng		99
89) Benzo(k)fluoranthene	15.121	252	1818213	54.451	ng		100
90) Benzo(a)pyrene	15.457	252	1577704	53.899	ng		98
91) Dibenzo(a,h)anthracene	17.021	278	1390228	44.968	ng		99
92) Benzo(g,h,i)perylene	17.445	276	1259626	39.384	ng		98

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

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