Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
Data File : BF133070.D
Acq On : 26 Apr 2023 18:00
Operator : CG\JU
Sample : 02448-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20230324-COMP-2MS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

Quant Time: Apr 27 01:58:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 27 01:56:03 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.734	152	182820	20.000	ng		0.00
21) Naphthalene-d8	8.022	136	746445	20.000	ng		0.00
39) Acenaphthene-d10	9.775	164	384634	20.000	ng		0.00
64) Phenanthrene-d10	11.257	188	712846	20.000	ng		0.00
76) Chrysene-d12	13.892	240	414389	20.000	ng		0.00
86) Perylene-d12	15.304	264	386979	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	1263537	104.404	ng		0.01
7) Phenol-d6	6.381	99	1557184	103.663	ng		0.00
23) Nitrobenzene-d5	7.304	82	909508	65.768	ng		0.00
42) 2,4,6-Tribromophenol	10.563	330	418898	108.292	ng		0.00
45) 2-Fluorobiphenyl	9.098	172	1485864	64.629	ng		0.00
79) Terphenyl-d14	12.839	244	1762034	73.335	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.452	88	254810	45.392	ng		96
3) Pyridine	3.152	79	647751	43.445	ng		96
4) n-Nitrosodimethylamine	3.110	42	350477	45.383	ng		92
6) Aniline	6.398	93	837128	43.268	ng	#	69
8) 2-Chlorophenol	6.522	128	633723	51.573	ng		97
9) Benzaldehyde	6.281	77	391504	76.862	ng		99
10) Phenol	6.393	94	762060	45.986	ng	#	73
11) bis(2-Chloroethyl)ether	6.475	93	606148	48.743	ng		97
12) 1,3-Dichlorobenzene	6.681	146	665268	50.923	ng		96
13) 1,4-Dichlorobenzene	6.757	146	675988	51.629	ng		98
14) 1,2-Dichlorobenzene	6.910	146	650566	53.894	ng		99
15) Benzyl Alcohol	6.887	79	517605	49.883	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.022	45	990559	45.862	ng		97
17) 2-Methylphenol	7.004	107	506887	45.050	ng		99
18) Hexachloroethane	7.251	117	233963	51.397	ng		96
19) n-Nitroso-di-n-propyla...	7.157	70	407144	43.537	ng		97
20) 3+4-Methylphenols	7.157	107	603299	45.529	ng	#	82
22) Acetophenone	7.151	105	824800	47.701	ng		100
24) Nitrobenzene	7.322	77	638420	45.558	ng		98
25) Isophorone	7.563	82	1187776	45.237	ng		99
26) 2-Nitrophenol	7.640	139	353879	52.357	ng		94
27) 2,4-Dimethylphenol	7.687	122	552865	47.703	ng		98
28) bis(2-Chloroethoxy)met...	7.775	93	706403	45.478	ng		99
29) 2,4-Dichlorophenol	7.881	162	510445	48.380	ng		99
30) 1,2,4-Trichlorobenzene	7.963	180	543259	49.701	ng		99
31) Naphthalene	8.045	128	1754047	47.000	ng		99
32) Benzoic acid	7.810	122	364916	50.973	ng		97
33) 4-Chloroaniline	8.092	127	569129	37.744	ng		99
34) Hexachlorobutadiene	8.163	225	288555	47.631	ng		99
35) Caprolactam	8.469	113	190400m	53.719	ng		
36) 4-Chloro-3-methylphenol	8.581	107	551533	48.475	ng		97
37) 2-Methylnaphthalene	8.734	142	1151045	45.113	ng		99
38) 1-Methylnaphthalene	8.834	142	1087289	45.553	ng		99
40) 1,2,4,5-Tetrachloroben...	8.904	216	478731	46.291	ng		100
41) Hexachlorocyclopentadiene	8.892	237	574580	95.266	ng		99
43) 2,4,6-Trichlorophenol	9.010	196	346964	48.513	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	363054	43.892	ng		98
46) 1,1'-Biphenyl	9.198	154	1415659	46.415	ng		100
47) 2-Chloronaphthalene	9.222	162	1062303	47.586	ng		99
48) 2-Nitroaniline	9.316	65	346792	47.004	ng		94
49) Acenaphthylene	9.639	152	1652781	46.335	ng		99
50) Dimethylphthalate	9.504	163	1245035	46.422	ng		99
51) 2,6-Dinitrotoluene	9.563	165	295244	48.910	ng	#	85
52) Acenaphthene	9.810	154	1209606m	50.632	ng		
53) 3-Nitroaniline	9.728	138	312093	43.482	ng		99
54) 2,4-Dinitrophenol	9.833	184	325500	107.277	ng		98
55) Dibenzofuran	9.981	168	1501583	46.077	ng		98
56) 4-Nitrophenol	9.898	139	552540	99.394	ng		94
57) 2,4-Dinitrotoluene	9.963	165	397662	51.657	ng		94
58) Fluorene	10.322	166	1093777	45.812	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.098	232	321301	50.105	ng		96
60) Diethylphthalate	10.204	149	1196919	47.248	ng		99
61) 4-Chlorophenyl-phenyle...	10.316	204	527601	45.346	ng		98
62) 4-Nitroaniline	10.345	138	360080	54.584	ng		97
63) Azobenzene	10.475	77	1246577	46.451	ng		99
65) 4,6-Dinitro-2-methylph...	10.375	198	232619	53.838	ng		98
66) n-Nitrosodiphenylamine	10.439	169	1032285	44.643	ng		98
67) 4-Bromophenyl-phenylether	10.804	248	351669	45.487	ng		97
68) Hexachlorobenzene	10.869	284	388248	49.008	ng		96
69) Atrazine	10.969	200	361201	54.212	ng		99
70) Pentachlorophenol	11.063	266	447733	79.356	ng		97
71) Phenanthrene	11.280	178	1711905	44.682	ng		99
72) Anthracene	11.333	178	1755078	44.762	ng		100
73) Carbazole	11.486	167	1658600	47.506	ng		99
74) Di-n-butylphthalate	11.822	149	1916521	48.507	ng		100
75) Fluoranthene	12.469	202	1811530	47.112	ng		97
77) Benzidine	12.586	184	977181	139.447	ng	#	94
78) Pyrene	12.692	202	1854250	52.199	ng		98
80) Butylbenzylphthalate	13.316	149	773812	61.523	ng		94
81) Benzo(a)anthracene	13.880	228	1336445	46.899	ng		99
82) 3,3'-Dichlorobenzidine	13.845	252	402004	51.067	ng		99
83) Chrysene	13.916	228	1312234	46.061	ng		98
84) Bis(2-ethylhexyl)phtha...	13.880	149	854738	54.141	ng		99
85) Di-n-octyl phthalate	14.492	149	1344118	52.215	ng		97
87) Indeno(1,2,3-cd)pyrene	16.692	276	1476184	67.062	ng		100
88) Benzo(b)fluoranthene	14.904	252	1103407	44.819	ng		98
89) Benzo(k)fluoranthene	14.933	252	1092769	44.777	ng		99
90) Benzo(a)pyrene	15.251	252	1008080	44.986	ng		100
91) Dibenzo(a,h)anthracene	16.709	278	1232955	67.157	ng		100
92) Benzo(g,h,i)perylene	17.109	276	1253987	69.185	ng		98

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

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