Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042723\
Data File : BF133102.D
Acq On : 27 Apr 2023 16:22
Operator : CG\JU
Sample : 02504-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-01MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

Quant Time: Apr 28 02:09:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 28 02:00:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.734	152	207636	20.000	ng		0.00
21) Naphthalene-d8	8.022	136	858357	20.000	ng		0.00
39) Acenaphthene-d10	9.775	164	445616	20.000	ng		0.00
64) Phenanthrene-d10	11.257	188	769807	20.000	ng		0.00
76) Chrysene-d12	13.892	240	462858	20.000	ng		0.00
86) Perylene-d12	15.309	264	421614	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	1113720	81.026	ng		0.01
7) Phenol-d6	6.381	99	1404983	82.352	ng		0.00
23) Nitrobenzene-d5	7.304	82	837587	52.671	ng		0.00
42) 2,4,6-Tribromophenol	10.563	330	363412	81.091	ng		0.00
45) 2-Fluorobiphenyl	9.098	172	1498340	56.253	ng		0.00
79) Terphenyl-d14	12.839	244	1675355	62.426	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.522	88	270510	42.430	ng		95
3) Pyridine	3.216	79	664597	39.248	ng		97
4) n-Nitrosodimethylamine	3.181	42	342774	39.081	ng		89
6) Aniline	6.398	93	771834	35.126	ng	#	64
8) 2-Chlorophenol	6.522	128	673984	48.294	ng		95
9) Benzaldehyde	6.281	77	381807	55.055	ng		98
10) Phenol	6.392	94	808291	42.946	ng		75
11) bis(2-Chloroethyl)ether	6.475	93	632481	44.782	ng		97
12) 1,3-Dichlorobenzene	6.675	146	697253	46.992	ng		99
13) 1,4-Dichlorobenzene	6.751	146	702425	47.236	ng		100
14) 1,2-Dichlorobenzene	6.904	146	678024	49.456	ng		97
15) Benzyl Alcohol	6.886	79	537538	45.613	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.022	45	1028022	41.908	ng		96
17) 2-Methylphenol	7.004	107	582342	45.570	ng		98
18) Hexachloroethane	7.251	117	245687	47.522	ng		98
19) n-Nitroso-di-n-propyla...	7.163	70	442096	41.624	ng		93
20) 3+4-Methylphenols	7.157	107	658805	43.776	ng	#	80
22) Acetophenone	7.151	105	890205	44.771	ng		100
24) Nitrobenzene	7.322	77	684566	42.482	ng		99
25) Isophorone	7.563	82	1304597	43.209	ng		99
26) 2-Nitrophenol	7.639	139	383626	49.358	ng		93
27) 2,4-Dimethylphenol	7.686	122	623038	46.748	ng		98
28) bis(2-Chloroethoxy)met...	7.775	93	781635	43.760	ng		99
29) 2,4-Dichlorophenol	7.886	162	559459	46.112	ng		97
30) 1,2,4-Trichlorobenzene	7.963	180	588637	46.831	ng		99
31) Naphthalene	8.045	128	1878786	43.779	ng		99
32) Benzoic acid	7.822	122	460817m	55.977	ng		
33) 4-Chloroaniline	8.092	127	296577	17.104	ng		99
34) Hexachlorobutadiene	8.163	225	314142	45.094	ng		100
35) Caprolactam	8.475	113	202620m	49.713	ng		
36) 4-Chloro-3-methylphenol	8.581	107	612476	46.813	ng		98
37) 2-Methylnaphthalene	8.733	142	1251458	42.654	ng		99
38) 1-Methylnaphthalene	8.833	142	1178147	42.924	ng		100
40) 1,2,4,5-Tetrachloroben...	8.904	216	513841	42.887	ng		99
41) Hexachlorocyclopentadiene	8.892	237	666722	95.415	ng		98
43) 2,4,6-Trichlorophenol	9.016	196	376066	45.386	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	399767	41.717	ng		98
46) 1,1'-Biphenyl	9.198	154	1528067	43.245	ng		100
47) 2-Chloronaphthalene	9.222	162	1135792	43.915	ng		99
48) 2-Nitroaniline	9.322	65	360814	42.212	ng		94
49) Acenaphthylene	9.639	152	1763446	42.672	ng		99
50) Dimethylphthalate	9.504	163	1337949	43.060	ng		100
51) 2,6-Dinitrotoluene	9.563	165	311476	44.538	ng		90
52) Acenaphthene	9.810	154	1300840m	46.999	ng		
53) 3-Nitroaniline	9.727	138	237935	28.614	ng		100
54) 2,4-Dinitrophenol	9.839	184	352565	100.295	ng		93
55) Dibenzofuran	9.980	168	1605738	42.530	ng		99
56) 4-Nitrophenol	9.904	139	566619	87.978	ng		99
57) 2,4-Dinitrotoluene	9.969	165	404932	45.403	ng		86
58) Fluorene	10.322	166	1172230	42.379	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.098	232	331645	44.640	ng		97
60) Diethylphthalate	10.204	149	1250601	42.611	ng		98
61) 4-Chlorophenyl-phenyle...	10.316	204	569364	42.239	ng		98
62) 4-Nitroaniline	10.351	138	349722	45.759	ng		94
63) Azobenzene	10.475	77	1303536	41.927	ng		99
65) 4,6-Dinitro-2-methylph...	10.374	198	241634	51.786	ng		93
66) n-Nitrosodiphenylamine	10.439	169	1079413	43.227	ng		98
67) 4-Bromophenyl-phenylether	10.804	248	363714	43.564	ng		97
68) Hexachlorobenzene	10.874	284	403067	47.114	ng		93
69) Atrazine	10.969	200	367904	51.132	ng		98
70) Pentachlorophenol	11.069	266	475269	78.004	ng		97
71) Phenanthrene	11.280	178	1774428	42.887	ng		100
72) Anthracene	11.333	178	1798515	42.475	ng		100
73) Carbazole	11.486	167	1611089	42.731	ng		99
74) Di-n-butylphthalate	11.821	149	1918937	44.975	ng		100
75) Fluoranthene	12.468	202	1742417	41.961	ng		96
77) Benzidine	12.592	184	1056217	134.942	ng	#	93
78) Pyrene	12.692	202	1780809	44.882	ng		99
80) Butylbenzylphthalate	13.315	149	761008	54.169	ng		94
81) Benzo(a)anthracene	13.880	228	1343119	42.198	ng		99
82) 3,3'-Dichlorobenzidine	13.845	252	319334	36.317	ng		98
83) Chrysene	13.915	228	1344629	42.255	ng		99
84) Bis(2-ethylhexyl)phtha...	13.880	149	915374	51.910	ng		100
85) Di-n-octyl phthalate	14.492	149	1628118	56.624	ng		97
87) Indeno(1,2,3-cd)pyrene	16.692	276	1230430	51.306	ng		99
88) Benzo(b)fluoranthene	14.910	252	1286999	47.982	ng		99
89) Benzo(k)fluoranthene	14.933	252	1086966	40.880	ng		98
90) Benzo(a)pyrene	15.251	252	1011970	41.450	ng		99
91) Dibenzo(a,h)anthracene	16.709	278	1017754	50.882	ng		98
92) Benzo(g,h,i)perylene	17.109	276	1018676	51.585	ng		100

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

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