Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
Data File : BF129917.D
Acq On : 19 Aug 2022 19:18
Operator : CG\JU
Sample : N4217-08MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP3-0815MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

Quant Time: Aug 20 07:51:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 20 07:47:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	139347	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	566176	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	301902	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	508171	20.000	ng	0.00
76) Chrysene-d12	13.963	240	287530	20.000	ng	0.00
86) Perylene-d12	15.421	264	252773	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1034303	122.894	ng	0.01
7) Phenol-d6	6.451	99	1289128	122.315	ng	0.00
23) Nitrobenzene-d5	7.357	82	827649	78.254	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	350090	115.540	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1452652	73.080	ng	0.00
79) Terphenyl-d14	12.898	244	1420253	82.190	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.569	88	164061	47.250	ng	98
3) Pyridine	3.328	79	423389	46.595	ng	98
4) n-Nitrosodimethylamine	3.299	42	232687	55.566	ng	98
6) Aniline	6.457	93	510014	42.458	ng	98
8) 2-Chlorophenol	6.587	128	508578	54.282	ng	99
9) Benzaldehyde	6.346	77	294704	54.680	ng	99
10) Phenol	6.463	94	610479	52.805	ng	82
11) bis(2-Chloroethyl)ether	6.528	93	473403	53.924	ng	98
12) 1,3-Dichlorobenzene	6.728	146	522564	51.664	ng	98
13) 1,4-Dichlorobenzene	6.804	146	528708	51.157	ng	98
14) 1,2-Dichlorobenzene	6.957	146	503497	52.455	ng	98
15) Benzyl Alcohol	6.946	79	438973	55.172	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	620450	52.743	ng	90
17) 2-Methylphenol	7.063	107	402110	53.451	ng	100
18) Hexachloroethane	7.293	117	203396	52.407	ng	95
19) n-Nitroso-di-n-propyla...	7.204	70	357737	53.699	ng	99
20) 3+4-Methylphenols	7.216	107	520960	51.589	ng	95
22) Acetophenone	7.204	105	713950	51.746	ng	99
24) Nitrobenzene	7.381	77	529930	49.689	ng	99
25) Isophorone	7.616	82	964329	52.974	ng	99
26) 2-Nitrophenol	7.693	139	275109	52.444	ng	98
27) 2,4-Dimethylphenol	7.734	122	435174	57.845	ng	96
28) bis(2-Chloroethoxy)met...	7.822	93	589732	55.485	ng	98
29) 2,4-Dichlorophenol	7.945	162	418442	50.866	ng	100
30) 1,2,4-Trichlorobenzene	8.010	180	421107	48.524	ng	97
31) Naphthalene	8.092	128	1450568	49.000	ng	100
32) Benzoic acid	7.893	122	192053	54.398	ng	91
33) 4-Chloroaniline	8.151	127	407858	35.035	ng	99
34) Hexachlorobutadiene	8.198	225	256199	48.483	ng	100
35) Caprolactam	8.540	113	124923m	48.833	ng	
36) 4-Chloro-3-methylphenol	8.651	107	455149	51.286	ng	100
37) 2-Methylnaphthalene	8.781	142	952784	49.038	ng	99
38) 1-Methylnaphthalene	8.881	142	900130	47.670	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	420630	50.094	ng	99
41) Hexachlorocyclopentadiene	8.928	237	289183	95.164	ng	98
43) 2,4,6-Trichlorophenol	9.075	196	269476	49.394	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	289181	49.268	ng		99
46) 1,1'-Biphenyl	9.251	154	1153700	50.302	ng		99
47) 2-Chloronaphthalene	9.275	162	892538	49.184	ng		98
48) 2-Nitroaniline	9.387	65	291271	50.790	ng		94
49) Acenaphthylene	9.692	152	1330570	48.352	ng		100
50) Dimethylphthalate	9.557	163	1038319	47.976	ng		99
51) 2,6-Dinitrotoluene	9.628	165	233414	49.718	ng		94
52) Acenaphthene	9.863	154	810449	48.543	ng		100
53) 3-Nitroaniline	9.798	138	157768	30.388	ng		94
54) 2,4-Dinitrophenol	9.922	184	217203	100.802	ng	#	89
55) Dibenzofuran	10.034	168	1207616	48.146	ng		97
56) 4-Nitrophenol	9.992	139	262172	113.507	ng		96
57) 2,4-Dinitrotoluene	10.039	165	298526	48.984	ng		95
58) Fluorene	10.381	166	994578	47.490	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	218942	50.828	ng	#	82
60) Diethylphthalate	10.251	149	1012213	46.906	ng		98
61) 4-Chlorophenyl-phenyle...	10.369	204	452315	48.126	ng		99
62) 4-Nitroaniline	10.422	138	246757m	47.112	ng		
63) Azobenzene	10.528	77	990409	48.015	ng		100
65) 4,6-Dinitro-2-methylph...	10.451	198	152411	51.089	ng		97
66) n-Nitrosodiphenylamine	10.492	169	856905	49.960	ng		99
67) 4-Bromophenyl-phenylether	10.857	248	291458	48.968	ng		98
68) Hexachlorobenzene	10.928	284	324617	50.348	ng		96
69) Atrazine	11.022	200	274007	52.050	ng		96
70) Pentachlorophenol	11.133	266	230546	116.747	ng		96
71) Phenanthrene	11.345	178	1386729	48.861	ng		100
72) Anthracene	11.398	178	1399586	49.589	ng		100
73) Carbazole	11.557	167	1294840	50.539	ng		99
74) Di-n-butylphthalate	11.869	149	1565875	47.489	ng		99
75) Fluoranthene	12.533	202	1412032	48.620	ng		97
77) Benzidine	12.657	184	452493	68.346	ng		99
78) Pyrene	12.763	202	1390294	55.643	ng		99
80) Butylbenzylphthalate	13.369	149	560263	52.991	ng		94
81) Benzo(a)anthracene	13.957	228	990123	50.058	ng		99
82) 3,3'-Dichlorobenzidine	13.916	252	209353	34.176	ng		98
83) Chrysene	13.992	228	899783	48.598	ng		100
84) Bis(2-ethylhexyl)phtha...	13.922	149	675782	53.875	ng		97
85) Di-n-octyl phthalate	14.533	149	885383	51.132	ng		99
87) Indeno(1,2,3-cd)pyrene	16.892	276	964155	55.561	ng		100
88) Benzo(b)fluoranthene	14.998	252	838412	48.439	ng		99
89) Benzo(k)fluoranthene	15.027	252	806453	48.584	ng		99
90) Benzo(a)pyrene	15.363	252	732674	53.752	ng		99
91) Dibenzo(a,h)anthracene	16.892	278	833804	58.233	ng		99
92) Benzo(g,h,i)perylene	17.333	276	852396	59.672	ng		98

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

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