Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
Data File : BF130833.D
Acq On : 28 Oct 2022 20:27
Operator : CG\JU
Sample : N5281-13MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

Quant Time: Oct 29 05:46:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 29 05:41:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.945	152	121029	20.000	ng		0.00
21) Naphthalene-d8	8.234	136	461802	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	247043	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	430438	20.000	ng		0.00
76) Chrysene-d12	14.133	240	251044	20.000	ng		0.00
86) Perylene-d12	15.645	264	222124	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.575	112	812626	116.400	ng		0.02
7) Phenol-d6	6.569	99	1037670	114.379	ng		0.00
23) Nitrobenzene-d5	7.516	82	678434	88.585	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	276582	132.997	ng		0.00
45) 2-Fluorobiphenyl	9.310	172	1232746	75.443	ng		0.00
79) Terphenyl-d14	13.075	244	1196760	87.355	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.887	88	134148	42.858	ng		94
3) Pyridine	3.634	79	355844	40.589	ng		96
4) n-Nitrosodimethylamine	3.605	42	253463	51.499	ng		92
6) Aniline	6.610	93	513221m	45.749	ng		
8) 2-Chlorophenol	6.734	128	395184	50.814	ng		99
9) Benzaldehyde	6.498	77	190065	32.733	ng		94
10) Phenol	6.581	94	465912	47.723	ng		97
11) bis(2-Chloroethyl)ether	6.681	93	375809	49.380	ng		95
12) 1,3-Dichlorobenzene	6.887	146	420197	47.681	ng		97
13) 1,4-Dichlorobenzene	6.963	146	426283	47.655	ng		98
14) 1,2-Dichlorobenzene	7.116	146	410632	49.567	ng		98
15) Benzyl Alcohol	7.087	79	381528	49.457	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.222	45	676656	49.880	ng		99
17) 2-Methylphenol	7.193	107	322942	48.584	ng		100
18) Hexachloroethane	7.463	117	162695	50.324	ng		95
19) n-Nitroso-di-n-propyla...	7.363	70	296141	47.977	ng		99
20) 3+4-Methylphenols	7.345	107	396104	45.832	ng	#	88
22) Acetophenone	7.363	105	550744	49.189	ng		98
24) Nitrobenzene	7.534	77	436754	52.153	ng		96
25) Isophorone	7.775	82	807014	51.100	ng		99
26) 2-Nitrophenol	7.845	139	188570	56.336	ng		91
27) 2,4-Dimethylphenol	7.875	122	358256	54.507	ng		99
28) bis(2-Chloroethoxy)met...	7.981	93	471154	53.418	ng		99
29) 2,4-Dichlorophenol	8.087	162	326334	48.264	ng		95
30) 1,2,4-Trichlorobenzene	8.169	180	342545	47.114	ng		97
31) Naphthalene	8.257	128	1110834	46.104	ng		99
32) Benzoic acid	8.004	122	228250	48.725	ng		95
33) 4-Chloroaniline	8.298	127	357148	37.512	ng		99
34) Hexachlorobutadiene	8.369	225	234519	48.591	ng		99
35) Caprolactam	8.681	113	100762m	46.504	ng		
36) 4-Chloro-3-methylphenol	8.781	107	362458	49.421	ng		99
37) 2-Methylnaphthalene	8.951	142	718387	47.401	ng		100
38) 1-Methylnaphthalene	9.051	142	670895	45.487	ng		98
40) 1,2,4,5-Tetrachloroben...	9.110	216	351770	50.212	ng		98
41) Hexachlorocyclopentadiene	9.098	237	465536	126.471	ng		98
43) 2,4,6-Trichlorophenol	9.222	196	247220	50.784	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.263	196	247330	47.555	ng		96
46)	1,1'-Biphenyl	9.416	154	871724	49.528	ng		99
47)	2-Chloronaphthalene	9.439	162	675503	47.863	ng		98
48)	2-Nitroaniline	9.534	65	241093	52.683	ng		98
49)	Acenaphthylene	9.857	152	1045702	46.887	ng		98
50)	Dimethylphthalate	9.716	163	792566	46.709	ng		99
51)	2,6-Dinitrotoluene	9.781	165	168342	51.946	ng		87
52)	Acenaphthene	10.034	154	719883	52.200	ng		98
53)	3-Nitroaniline	9.951	138	143327	43.366	ng	#	89
54)	2,4-Dinitrophenol	10.051	184	150578	91.314	ng		95
55)	Dibenzofuran	10.204	168	916837	45.866	ng		99
56)	4-Nitrophenol	10.104	139	284138	108.577	ng		98
57)	2,4-Dinitrotoluene	10.181	165	220116	53.826	ng	#	87
58)	Fluorene	10.545	166	727127	46.196	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.316	232	200841	46.839	ng		99
60)	Diethylphthalate	10.416	149	784474	47.009	ng		99
61)	4-Chlorophenyl-phenyle...	10.539	204	353984	47.011	ng		99
62)	4-Nitroaniline	10.569	138	179846	53.739	ng		97
63)	Azobenzene	10.698	77	813837	46.718	ng		98
65)	4,6-Dinitro-2-methylph...	10.586	198	100170	54.414	ng		93
66)	n-Nitrosodiphenylamine	10.657	169	672041	50.055	ng		99
67)	4-Bromophenyl-phenylether	11.028	248	228144	52.704	ng	#	89
68)	Hexachlorobenzene	11.092	284	243031	50.957	ng		98
69)	Atrazine	11.186	200	219898	56.714	ng		97
70)	Pentachlorophenol	11.286	266	267553	98.310	ng		97
71)	Phenanthrene	11.516	178	1051090	47.312	ng		100
72)	Anthracene	11.563	178	1077644	49.179	ng		99
73)	Carbazole	11.716	167	940523	47.928	ng		99
74)	Di-n-butylphthalate	12.045	149	1164886	48.878	ng		99
75)	Fluoranthene	12.704	202	1063549	45.057	ng		99
77)	Benzidine	12.822	184	537538	88.207	ng		100
78)	Pyrene	12.933	202	1061828	50.133	ng		100
80)	Butylbenzylphthalate	13.551	149	410286	53.843	ng		92
81)	Benzo(a)anthracene	14.121	228	793461	47.672	ng		99
82)	3,3'-Dichlorobenzidine	14.086	252	205081	45.653	ng	#	91
83)	Chrysene	14.163	228	752727	46.885	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.104	149	513086	56.001	ng		99
85)	Di-n-octyl phthalate	14.727	149	754340	59.656	ng		100
87)	Indeno(1,2,3-cd)pyrene	17.198	276	780619	52.921	ng		98
88)	Benzo(b)fluoranthene	15.198	252	682320	47.519	ng		99
89)	Benzo(k)fluoranthene	15.233	252	676556m	48.354	ng		
90)	Benzo(a)pyrene	15.586	252	608377	52.707	ng		98
91)	Dibenzo(a,h)anthracene	17.221	278	668188	55.568	ng		99
92)	Benzo(g,h,i)perylene	17.674	276	674681	54.996	ng		99

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

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