Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081422\
Data File : BF129774.D
Acq On : 14 Aug 2022 21:27
Operator : CG\JU
Sample : PB146898BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB146898BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2022
Supervised By :Sohil Jodhani 08/18/2022

Quant Time: Aug 15 03:00:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 15 02:28:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	155637	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	650308	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	351235	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	597063	20.000	ng	0.00
76) Chrysene-d12	14.004	240	388458	20.000	ng	0.00
86) Perylene-d12	15.468	264	301018	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	877627	93.364	ng	0.01
7) Phenol-d6	6.481	99	1066062	90.563	ng	0.00
23) Nitrobenzene-d5	7.398	82	1049608	86.401	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	314264	89.149	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1954827	84.530	ng	0.00
79) Terphenyl-d14	12.939	244	2150709	92.124	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.657	88	149842	38.638	ng	99
3) Pyridine	3.434	79	364186	35.884	ng	100
4) n-Nitrosodimethylamine	3.387	42	221116	47.276	ng	96
6) Aniline	6.492	93	501732	37.397	ng	95
8) 2-Chlorophenol	6.622	128	500692	47.847	ng	99
9) Benzaldehyde	6.381	77	202880	30.618	ng	98
10) Phenol	6.492	94	595975	46.155	ng	97
11) bis(2-Chloroethyl)ether	6.563	93	472981	48.237	ng	99
12) 1,3-Dichlorobenzene	6.763	146	513755	45.476	ng	99
13) 1,4-Dichlorobenzene	6.839	146	524112	45.404	ng	98
14) 1,2-Dichlorobenzene	6.992	146	495498	46.218	ng	99
15) Benzyl Alcohol	6.975	79	426835	48.031	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.092	45	606422	46.155	ng	99
17) 2-Methylphenol	7.098	107	397501	47.308	ng	100
18) Hexachloroethane	7.328	117	200583	46.273	ng	98
19) n-Nitroso-di-n-propyla...	7.239	70	353914	47.565	ng	98
20) 3+4-Methylphenols	7.251	107	519932	46.098	ng	99
22) Acetophenone	7.239	105	692686	43.710	ng	100
24) Nitrobenzene	7.410	77	526413	42.974	ng	95
25) Isophorone	7.651	82	964364	46.123	ng	100
26) 2-Nitrophenol	7.728	139	274531	45.563	ng	98
27) 2,4-Dimethylphenol	7.769	122	443281	51.299	ng	95
28) bis(2-Chloroethoxy)met...	7.857	93	593480	48.614	ng	98
29) 2,4-Dichlorophenol	7.981	162	420189	44.471	ng	98
30) 1,2,4-Trichlorobenzene	8.045	180	431547	43.293	ng	97
31) Naphthalene	8.128	128	1455506	42.806	ng	100
32) Benzoic acid	7.922	122	178545	46.503	ng	91
33) 4-Chloroaniline	8.186	127	442577	33.099	ng	97
34) Hexachlorobutadiene	8.239	225	254588	41.945	ng	99
35) Caprolactam	8.569	113	133744m	45.518	ng	
36) 4-Chloro-3-methylphenol	8.686	107	466224	45.738	ng	98
37) 2-Methylnaphthalene	8.822	142	958242	42.938	ng	99
38) 1-Methylnaphthalene	8.922	142	921683	42.496	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	429751	43.991	ng	99
41) Hexachlorocyclopentadiene	8.969	237	327337	93.600	ng	99
43) 2,4,6-Trichlorophenol	9.110	196	273443	43.081	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	281886	41.280	ng		95
46) 1,1'-Biphenyl	9.286	154	1166808	43.728	ng		100
47) 2-Chloronaphthalene	9.316	162	909670	43.087	ng		99
48) 2-Nitroaniline	9.422	65	294373	44.121	ng		93
49) Acenaphthylene	9.727	152	1425806	44.535	ng		99
50) Dimethylphthalate	9.592	163	1086977	43.170	ng		99
51) 2,6-Dinitrotoluene	9.663	165	244802	44.820	ng	#	86
52) Acenaphthene	9.898	154	826507	42.551	ng		99
53) 3-Nitroaniline	9.833	138	186853	30.935	ng		98
54) 2,4-Dinitrophenol	9.951	184	214573	86.420	ng		96
55) Dibenzofuran	10.075	168	1235119	42.326	ng		98
56) 4-Nitrophenol	10.022	139	259299	96.495	ng		95
57) 2,4-Dinitrotoluene	10.069	165	308579	43.522	ng		92
58) Fluorene	10.416	166	1015129	41.663	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.198	232	216529	43.208	ng	#	81
60) Diethylphthalate	10.286	149	1073864	42.773	ng		98
61) 4-Chlorophenyl-phenyle...	10.404	204	474697	43.414	ng		97
62) 4-Nitroaniline	10.457	138	246266m	40.414	ng		
63) Azobenzene	10.569	77	1033454	43.065	ng		95
65) 4,6-Dinitro-2-methylph...	10.486	198	158640	45.260	ng		87
66) n-Nitrosodiphenylamine	10.527	169	892816	44.304	ng		99
67) 4-Bromophenyl-phenylether	10.892	248	309377	44.240	ng		99
68) Hexachlorobenzene	10.963	284	339037	44.756	ng		100
69) Atrazine	11.057	200	297565	48.109	ng		97
70) Pentachlorophenol	11.169	266	204215	89.292	ng		96
71) Phenanthrene	11.380	178	1439473	43.168	ng		99
72) Anthracene	11.433	178	1449217	43.703	ng		99
73) Carbazole	11.592	167	1336214	44.389	ng		99
74) Di-n-butylphthalate	11.910	149	1705391	44.020	ng		99
75) Fluoranthene	12.574	202	1464546	42.920	ng		99
77) Benzidine	12.692	184	441538	47.675	ng		100
78) Pyrene	12.804	202	1469785	43.540	ng		99
80) Butylbenzylphthalate	13.410	149	645930	45.220	ng		97
81) Benzo(a)anthracene	13.992	228	1148271	42.971	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	276376	33.395	ng		100
83) Chrysene	14.033	228	1047985	41.896	ng		100
84) Bis(2-ethylhexyl)phtha...	13.963	149	802810	47.373	ng		100
85) Di-n-octyl phthalate	14.574	149	1090715	46.624	ng		100
87) Indeno(1,2,3-cd)pyrene	16.962	276	947705	45.860	ng		100
88) Benzo(b)fluoranthene	15.045	252	938770	45.544	ng		99
89) Benzo(k)fluoranthene	15.074	252	887985	44.922	ng		99
90) Benzo(a)pyrene	15.410	252	860513	53.013	ng		99
91) Dibenzo(a,h)anthracene	16.962	278	826076	48.447	ng		98
92) Benzo(g,h,i)perylene	17.409	276	840545	49.411	ng		99

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

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