Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100522\
Data File : BF130533.D
Acq On : 05 Oct 2022 17:04
Operator : CG\JU
Sample : N4960-01MSD 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAT-01-100322MSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022

Quant Time: Oct 06 01:11:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 06 01:07:05 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.634	152	74627	20.000	ng		0.00
21) Naphthalene-d8	7.916	136	275188	20.000	ng	#	0.00
39) Acenaphthene-d10	9.663	164	125030	20.000	ng		0.00
64) Phenanthrene-d10	11.145	188	191082	20.000	ng		0.00
76) Chrysene-d12	13.780	240	185675	20.000	ng		0.00
86) Perylene-d12	15.168	264	155738	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.234	112	88660	20.606	ng		0.00
7) Phenol-d6	6.275	99	111116	20.640	ng		0.00
23) Nitrobenzene-d5	7.198	82	68349	12.689	ng		0.00
42) 2,4,6-Tribromophenol	10.451	330	21535	17.975	ng		0.00
45) 2-Fluorobiphenyl	8.986	172	120450	14.028	ng		0.00
79) Terphenyl-d14	12.727	244	116064	10.355	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.222	88	17097	8.652	ng	#	93
3) Pyridine	2.922	79	38822	7.531	ng		99
4) n-Nitrosodimethylamine	2.846	42	22212	7.923	ng	#	92
6) Aniline	6.292	93	32290	4.868	ng	#	31
8) 2-Chlorophenol	6.416	128	49403	10.080	ng		96
9) Benzaldehyde	6.181	77	24943	6.917	ng		92
10) Phenol	6.287	94	59210	9.385	ng		94
11) bis(2-Chloroethyl)ether	6.369	93	46443	10.206	ng		92
12) 1,3-Dichlorobenzene	6.569	146	52913	9.811	ng		97
13) 1,4-Dichlorobenzene	6.651	146	54281	9.870	ng		95
14) 1,2-Dichlorobenzene	6.798	146	51178	9.962	ng		99
15) Benzyl Alcohol	6.834	79	21785m	5.104	ng		
16) 2,2'-oxybis(1-Chloropr...	6.916	45	61315	9.238	ng		83
17) 2-Methylphenol	6.898	107	41395	10.390	ng		92
18) Hexachloroethane	7.139	117	19513	9.001	ng		97
19) n-Nitroso-di-n-propyla...	7.045	70	34105	9.388	ng		97
20) 3+4-Methylphenols	7.057	107	47838	9.243	ng	#	54
22) Acetophenone	7.045	105	72149	10.724	ng	#	84
24) Nitrobenzene	7.216	77	49899	9.123	ng		92
25) Isophorone	7.457	82	86966	10.017	ng		94
26) 2-Nitrophenol	7.534	139	23258	10.373	ng		99
27) 2,4-Dimethylphenol	7.581	122	39464	11.431	ng		98
28) bis(2-Chloroethoxy)met...	7.675	93	54811	11.212	ng		96
29) 2,4-Dichlorophenol	7.781	162	34807	9.201	ng		98
30) 1,2,4-Trichlorobenzene	7.857	180	39108	9.562	ng		95
31) Naphthalene	7.934	128	142319	10.038	ng		99
32) Benzoic acid	7.692	122	13701m	5.132	ng		
33) 4-Chloroaniline	7.992	127	24836	4.606	ng		95
34) Hexachlorobutadiene	8.051	225	25025	9.574	ng		97
35) Caprolactam	8.333	113	10621	9.793	ng	#	81
36) 4-Chloro-3-methylphenol	8.486	107	36996	8.823	ng		98
37) 2-Methylnaphthalene	8.628	142	86274	9.544	ng		98
38) 1-Methylnaphthalene	8.722	142	80928	9.320	ng		98
40) 1,2,4,5-Tetrachloroben...	8.792	216	35971	10.542	ng		99
41) Hexachlorocyclopentadiene	8.775	237	5266	2.883	ng		96
43) 2,4,6-Trichlorophenol	8.910	196	21420	8.995	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	8.957	196	22997	8.949	ng		98
46) 1,1'-Biphenyl	9.092	154	103569	11.091	ng		95
47) 2-Chloronaphthalene	9.110	162	76336	10.106	ng		99
48) 2-Nitroaniline	9.216	65	22753	9.031	ng		98
49) Acenaphthylene	9.522	152	113270	10.001	ng		99
50) Dimethylphthalate	9.392	163	88603	10.259	ng		99
51) 2,6-Dinitrotoluene	9.457	165	18064	10.001	ng	#	84
52) Acenaphthene	9.698	154	70929m	9.532	ng		
53) 3-Nitroaniline	9.627	138	13659	6.787	ng		94
54) 2,4-Dinitrophenol	9.745	184	3883	9.907	ng		96
55) Dibenzofuran	9.869	168	102425	9.896	ng		97
56) 4-Nitrophenol	9.816	139	16301	11.120	ng		94
57) 2,4-Dinitrotoluene	9.857	165	22125	9.585	ng		98
58) Fluorene	10.210	166	82537	9.751	ng		99
59) 2,3,4,6-Tetrachlorophenol	9.992	232	16136	8.022	ng		95
60) Diethylphthalate	10.086	149	84041	9.704	ng		99
61) 4-Chlorophenyl-phenyle...	10.204	204	36305	9.777	ng		98
62) 4-Nitroaniline	10.233	138	16221	8.023	ng		94
63) Azobenzene	10.363	77	76424	8.570	ng		97
65) 4,6-Dinitro-2-methylph...	10.269	198	4311	4.053	ng		92
66) n-Nitrosodiphenylamine	10.322	169	66081	10.349	ng		98
67) 4-Bromophenyl-phenylether	10.692	248	20751	9.844	ng		96
68) Hexachlorobenzene	10.751	284	22494	9.414	ng	#	88
69) Atrazine	10.851	200	20827	11.161	ng		98
70) Pentachlorophenol	10.957	266	14741	11.495	ng		97
71) Phenanthrene	11.169	178	151821	14.152	ng		98
72) Anthracene	11.222	178	119325	11.526	ng		98
73) Carbazole	11.380	167	98709	10.565	ng		98
74) Di-n-butylphthalate	11.716	149	159512	14.157	ng		98
75) Fluoranthene	12.351	202	236005	22.766	ng		99
77) Benzidine	12.486	184	36284	6.732	ng		96
78) Pyrene	12.580	202	237987	14.652	ng		98
80) Butylbenzylphthalate	13.210	149	56917	9.459	ng		94
81) Benzo(a)anthracene	13.768	228	196616	15.918	ng		98
82) 3,3'-Dichlorobenzidine	13.739	252	27370	8.140	ng		99
83) Chrysene	13.804	228	172852	14.738	ng		99
84) Bis(2-ethylhexyl)phtha...	13.768	149	86910	12.609	ng		97
85) Di-n-octyl phthalate	14.380	149	149706	14.201	ng	#	97
87) Indeno(1,2,3-cd)pyrene	16.480	276	103609	9.381	ng		97
88) Benzo(b)fluoranthene	14.780	252	185267	18.226	ng		98
89) Benzo(k)fluoranthene	14.804	252	141397	14.141	ng		99
90) Benzo(a)pyrene	15.110	252	138026	17.140	ng		98
91) Dibenzo(a,h)anthracene	16.498	278	71525	7.895	ng		97
92) Benzo(g,h,i)perylene	16.880	276	85100	9.324	ng		98

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

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