Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121322\
Data File : BP013093.D
Acq On : 12 Dec 2022 20:14
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP121322

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

Quant Time: Dec 13 07:26:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 13 03:29:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.964	152	552127	20.000	ng		0.00
21) Naphthalene-d8	10.775	136	1997471	20.000	ng		0.00
39) Acenaphthene-d10	14.604	164	1069107	20.000	ng		0.00
64) Phenanthrene-d10	17.357	188	2004758	20.000	ng		0.00
76) Chrysene-d12	21.445	240	1803165	20.000	ng		0.00
86) Perylene-d12	23.927	264	2104538	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.511	112	2482804	82.163	ng		0.00
7) Phenol-d6	7.122	99	3226367	81.757	ng		0.00
23) Nitrobenzene-d5	9.134	82	3054328	83.829	ng		0.00
42) 2,4,6-Tribromophenol	16.093	330	1097243	85.123	ng		0.00
45) 2-Fluorobiphenyl	13.228	172	6748958	85.713	ng		0.00
79) Terphenyl-d14	19.910	244	7650456	83.705	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.376	88	532653	39.783	ng		99
3) Pyridine	3.787	79	1531708m	40.282	ng		
4) n-Nitrosodimethylamine	3.699	42	693455	40.695	ng		99
6) Aniline	7.287	93	1950368	40.813	ng		100
8) 2-Chlorophenol	7.522	128	1458218	40.934	ng		98
9) Benzaldehyde	7.099	77	922321	38.952	ng		99
10) Phenol	7.146	94	1794013	40.614	ng		98
11) bis(2-Chloroethyl)ether	7.381	93	1412191	39.710	ng		98
12) 1,3-Dichlorobenzene	7.852	146	1663446	40.134	ng		100
13) 1,4-Dichlorobenzene	7.999	146	1695224	40.161	ng		99
14) 1,2-Dichlorobenzene	8.316	146	1605541	40.075	ng		99
15) Benzyl Alcohol	8.205	79	1171272	40.915	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.493	45	2018826	39.194	ng		100
17) 2-Methylphenol	8.405	107	1179596	40.401	ng		99
18) Hexachloroethane	9.046	117	581104	40.652	ng		95
19) n-Nitroso-di-n-propyla...	8.775	70	1024671	39.980	ng		99
20) 3+4-Methylphenols	8.734	107	1598816	40.278	ng		98
22) Acetophenone	8.793	105	2049312	41.229	ng	#	100
24) Nitrobenzene	9.175	77	1571058	41.373	ng		98
25) Isophorone	9.705	82	2539959	41.045	ng		99
26) 2-Nitrophenol	9.887	139	758489	39.805	ng		98
27) 2,4-Dimethylphenol	9.946	122	1082931	41.358	ng		99
28) bis(2-Chloroethoxy)met...	10.181	93	1611286	40.606	ng		99
29) 2,4-Dichlorophenol	10.422	162	1344339	41.600	ng		99
30) 1,2,4-Trichlorobenzene	10.640	180	1541786	40.422	ng		98
31) Naphthalene	10.828	128	4423303	40.443	ng		100
32) Benzoic acid	10.081	122	830349	37.891	ng		98
33) 4-Chloroaniline	10.940	127	1680015	41.187	ng		99
34) Hexachlorobutadiene	11.110	225	999896	41.094	ng		98
35) Caprolactam	11.734	113	318796	38.208	ng		98
36) 4-Chloro-3-methylphenol	12.057	107	1209824	40.082	ng		100
37) 2-Methylnaphthalene	12.434	142	2956728	40.198	ng		100
38) 1-Methylnaphthalene	12.652	142	2858016	39.901	ng		100
40) 1,2,4,5-Tetrachloroben...	12.799	216	1635003	42.868	ng		100
41) Hexachlorocyclopentadiene	12.775	237	839364	43.646	ng		99
43) 2,4,6-Trichlorophenol	13.034	196	1050792	43.689	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.104	196	1123949	43.253	ng	99
46) 1,1'-Biphenyl	13.440	154	3585219	42.412	ng	99
47) 2-Chloronaphthalene	13.481	162	2866024	42.658	ng	100
48) 2-Nitroaniline	13.687	65	739122	41.083	ng	99
49) Acenaphthylene	14.328	152	4243419	42.936	ng	99
50) Dimethylphthalate	14.057	163	3201072	40.935	ng	99
51) 2,6-Dinitrotoluene	14.181	165	688529	43.027	ng	99
52) Acenaphthene	14.669	154	2582601	42.034	ng	99
53) 3-Nitroaniline	14.510	138	711883	40.629	ng	99
54) 2,4-Dinitrophenol	14.716	184	397706	39.411	ng	99
55) Dibenzofuran	15.004	168	4077467	41.469	ng	100
56) 4-Nitrophenol	14.810	139	558648	41.775	ng	97
57) 2,4-Dinitrotoluene	14.969	165	878861	40.693	ng	98
58) Fluorene	15.651	166	3143915	41.312	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.228	232	930089	41.873	ng	100
60) Diethylphthalate	15.422	149	2941285	40.914	ng	100
61) 4-Chlorophenyl-phenyle...	15.645	204	1609476	40.865	ng	99
62) 4-Nitroaniline	15.675	138	676207	40.468	ng	99
63) Azobenzene	15.940	77	2812313	42.094	ng	99
65) 4,6-Dinitro-2-methylph...	15.728	198	533590	41.432	ng	97
66) n-Nitrosodiphenylamine	15.857	169	2630040	42.018	ng	99
67) 4-Bromophenyl-phenylether	16.545	248	993728	41.920	ng	95
68) Hexachlorobenzene	16.657	284	1132504	40.802	ng	98
69) Atrazine	16.810	200	766763	43.660	ng	99
70) Pentachlorophenol	17.004	266	677562	41.451	ng	99
71) Phenanthrene	17.404	178	4651916	40.779	ng	100
72) Anthracene	17.492	178	4464543	41.688	ng	100
73) Carbazole	17.763	167	3926892	41.826	ng	100
74) Di-n-butylphthalate	18.304	149	4450817	43.101	ng	100
75) Fluoranthene	19.363	202	5147955	41.927	ng	100
77) Benzidine	19.539	184	1194692	46.645	ng	99
78) Pyrene	19.716	202	5319842	41.059	ng	100
80) Butylbenzylphthalate	20.580	149	1897931	41.213	ng	99
81) Benzo(a)anthracene	21.427	228	5340278	43.329	ng	100
82) 3,3'-Dichlorobenzidine	21.357	252	1739228	47.389	ng	99
83) Chrysene	21.486	228	5145364	42.799	ng	100
84) Bis(2-ethylhexyl)phtha...	21.339	149	2710627	42.754	ng	100
85) Di-n-octyl phthalate	22.292	149	4638906	44.244	ng	100
87) Indeno(1,2,3-cd)pyrene	26.533	276	7179880	41.753	ng	100
88) Benzo(b)fluoranthene	23.169	252	5440445	40.151	ng	100
89) Benzo(k)fluoranthene	23.216	252	5512156	40.213	ng	99
90) Benzo(a)pyrene	23.816	252	4619931	40.628	ng	100
91) Dibenzo(a,h)anthracene	26.551	278	5948448	41.624	ng	100
92) Benzo(g,h,i)perylene	27.333	276	6004301	42.405	ng	99

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

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