Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
Data File : BP013677.D
Acq On : 31 Jan 2023 17:04
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 01 04:11:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 03:43:48 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
ICVBP013123

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.140	152	208996	20.000	ng		0.00
21) Naphthalene-d8	10.969	136	778424	20.000	ng		0.00
39) Acenaphthene-d10	14.775	164	521017	20.000	ng		0.00
64) Phenanthrene-d10	17.528	188	1221175	20.000	ng		0.00
76) Chrysene-d12	21.610	240	1287651	20.000	ng		0.00
86) Perylene-d12	24.180	264	1499661	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.669	112	1010653	82.665	ng		0.00
7) Phenol-d6	7.287	99	1324179	81.298	ng		0.00
23) Nitrobenzene-d5	9.316	82	1155711	86.363	ng		0.00
42) 2,4,6-Tribromophenol	16.263	330	660087	84.468	ng		0.00
45) 2-Fluorobiphenyl	13.404	172	3011263	80.872	ng		0.00
79) Terphenyl-d14	20.057	244	5325714	82.130	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.517	88	206769	39.976	ng		99
3) Pyridine	3.934	79	591967	39.749	ng		98
4) n-Nitrosodimethylamine	3.834	42	213995	40.075	ng		97
6) Aniline	7.458	93	872925	41.110	ng		99
8) 2-Chlorophenol	7.699	128	524365	40.739	ng		99
9) Benzaldehyde	7.269	77	357593	42.434	ng		99
10) Phenol	7.316	94	691006	40.611	ng		99
11) bis(2-Chloroethyl)ether	7.552	93	541580	39.845	ng		99
12) 1,3-Dichlorobenzene	8.028	146	587363	40.511	ng		99
13) 1,4-Dichlorobenzene	8.175	146	596648	40.671	ng		100
14) 1,2-Dichlorobenzene	8.499	146	575668	41.009	ng		100
15) Benzyl Alcohol	8.381	79	483342	41.907	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.675	45	645151	40.641	ng		99
17) 2-Methylphenol	8.581	107	494013	41.432	ng		98
18) Hexachloroethane	9.234	117	197668	40.863	ng		96
19) n-Nitroso-di-n-propyla...	8.952	70	430421	42.119	ng		98
20) 3+4-Methylphenols	8.911	107	677606	41.657	ng		98
22) Acetophenone	8.969	105	831010	40.938	ng	#	99
24) Nitrobenzene	9.358	77	618536	42.614	ng		99
25) Isophorone	9.887	82	1203148	40.564	ng		99
26) 2-Nitrophenol	10.075	139	260166	39.244	ng		99
27) 2,4-Dimethylphenol	10.122	122	487328	40.713	ng		98
28) bis(2-Chloroethoxy)met...	10.363	93	707500	39.798	ng		99
29) 2,4-Dichlorophenol	10.610	162	536721	41.196	ng		99
30) 1,2,4-Trichlorobenzene	10.828	180	594262	41.108	ng		99
31) Naphthalene	11.022	128	1631599	39.863	ng		100
32) Benzoic acid	10.246	122	371544	39.559	ng		98
33) 4-Chloroaniline	11.122	127	733184	40.768	ng		99
34) Hexachlorobutadiene	11.304	225	368081	40.111	ng		98
35) Caprolactam	11.910	113	172075	40.217	ng		98
36) 4-Chloro-3-methylphenol	12.234	107	550213	40.148	ng		98
37) 2-Methylnaphthalene	12.616	142	1230602	39.987	ng		99
38) 1-Methylnaphthalene	12.834	142	1148180	39.717	ng		100
40) 1,2,4,5-Tetrachloroben...	12.975	216	724310	40.720	ng		100
41) Hexachlorocyclopentadiene	12.957	237	337986	41.631	ng		97
43) 2,4,6-Trichlorophenol	13.210	196	478690	40.869	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.281	196	567879	41.409	ng	98
46) 1,1'-Biphenyl	13.610	154	1595269	40.461	ng	99
47) 2-Chloronaphthalene	13.657	162	1243081	40.788	ng	99
48) 2-Nitroaniline	13.857	65	292897	39.177	ng	99
49) Acenaphthylene	14.498	152	1999269	40.679	ng	99
50) Dimethylphthalate	14.228	163	1634098	40.549	ng	99
51) 2,6-Dinitrotoluene	14.345	165	327798	40.124	ng	98
52) Acenaphthene	14.840	154	1285541m	40.629	ng	
53) 3-Nitroaniline	14.675	138	349724	40.284	ng	98
54) 2,4-Dinitrophenol	14.881	184	186304	38.845	ng	99
55) Dibenzofuran	15.175	168	2004576	40.481	ng	99
56) 4-Nitrophenol	14.969	139	300789	43.049	ng	98
57) 2,4-Dinitrotoluene	15.128	165	431307	39.598	ng	96
58) Fluorene	15.822	166	1571613	40.424	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.398	232	497757	41.741	ng	99
60) Diethylphthalate	15.587	149	1565452	40.521	ng	100
61) 4-Chlorophenyl-phenyle...	15.810	204	859697	40.607	ng	99
62) 4-Nitroaniline	15.840	138	356714	40.916	ng	96
63) Azobenzene	16.104	77	1456316	40.807	ng	99
65) 4,6-Dinitro-2-methylph...	15.892	198	265540	38.788	ng	98
66) n-Nitrosodiphenylamine	16.028	169	1416115	39.855	ng	99
67) 4-Bromophenyl-phenylether	16.710	248	567471	40.538	ng	97
68) Hexachlorobenzene	16.828	284	625521	40.353	ng	98
69) Atrazine	16.975	200	500670	43.303	ng	99
70) Pentachlorophenol	17.175	266	490533	42.900	ng	99
71) Phenanthrene	17.575	178	2636321	40.277	ng	100
72) Anthracene	17.663	178	2691430	40.729	ng	99
73) Carbazole	17.928	167	2434005	40.564	ng	99
74) Di-n-butylphthalate	18.457	149	2689433	40.958	ng	100
75) Fluoranthene	19.522	202	3340151	40.989	ng	99
77) Benzidine	19.692	184	1149993	41.348	ng	99
78) Pyrene	19.875	202	3471767	40.075	ng	100
80) Butylbenzylphthalate	20.728	149	990780	41.894	ng	98
81) Benzo(a)anthracene	21.592	228	3619980	40.474	ng	100
82) 3,3'-Dichlorobenzidine	21.510	252	1179403	41.710	ng	99
83) Chrysene	21.645	228	3434120	40.301	ng	100
84) Bis(2-ethylhexyl)phtha...	21.492	149	1633985	40.578	ng	99
85) Di-n-octyl phthalate	22.474	149	2979654	40.522	ng	100
87) Indeno(1,2,3-cd)pyrene	26.904	276	4609234	40.414	ng	100
88) Benzo(b)fluoranthene	23.392	252	3697076	41.018	ng	99
89) Benzo(k)fluoranthene	23.439	252	3669271	40.644	ng	100
90) Benzo(a)pyrene	24.069	252	3605440	40.298	ng	99
91) Dibenzo(a,h)anthracene	26.921	278	3846340	40.629	ng	99
92) Benzo(g,h,i)perylene	27.745	276	3797406	40.387	ng	99

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

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