Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030623\
Data File : BP013959.D
Acq On : 06 Mar 2023 16:32
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP030623

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023

Quant Time: Mar 07 06:50:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 06:48:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	154508	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	566812	20.000	ng	0.01
39) Acenaphthene-d10	14.734	164	378914	20.000	ng	0.00
64) Phenanthrene-d10	17.486	188	826727	20.000	ng	0.00
76) Chrysene-d12	21.563	240	668840	20.000	ng	0.00
86) Perylene-d12	24.110	264	636625	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	722894	75.876	ng	0.00
7) Phenol-d6	7.252	99	951578	76.074	ng	0.00
23) Nitrobenzene-d5	9.269	82	995286	80.256	ng	0.00
42) 2,4,6-Tribromophenol	16.222	330	519588	84.575	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	2301928	78.707	ng	0.00
79) Terphenyl-d14	20.022	244	3441059	84.835	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.481	88	152909	36.944	ng	100
3) Pyridine	3.893	79	435245	37.867	ng	99
4) n-Nitrosodimethylamine	3.805	42	197009	38.613	ng	95
6) Aniline	7.416	93	630435	38.368	ng	98
8) 2-Chlorophenol	7.652	128	388920	38.114	ng	99
9) Benzaldehyde	7.228	77	242180	38.690	ng	97
10) Phenol	7.275	94	496433	38.133	ng	98
11) bis(2-Chloroethyl)ether	7.511	93	389003	37.739	ng	98
12) 1,3-Dichlorobenzene	7.981	146	432005	38.527	ng	99
13) 1,4-Dichlorobenzene	8.128	146	435021	38.348	ng	99
14) 1,2-Dichlorobenzene	8.452	146	418320	38.500	ng	99
15) Benzyl Alcohol	8.340	79	421677	41.347	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.628	45	433152m	38.598	ng	
17) 2-Methylphenol	8.540	107	366941	39.521	ng	99
18) Hexachloroethane	9.187	117	161273	37.844	ng	94
19) n-Nitroso-di-n-propyla...	8.910	70	342618	41.614	ng	98
20) 3+4-Methylphenols	8.869	107	502649	40.198	ng	99
22) Acetophenone	8.928	105	642953	40.440	ng	99
24) Nitrobenzene	9.316	77	509607	40.161	ng	99
25) Isophorone	9.840	82	936289	40.974	ng	100
26) 2-Nitrophenol	10.028	139	225955	40.939	ng	99
27) 2,4-Dimethylphenol	10.081	122	363906	40.550	ng	99
28) bis(2-Chloroethoxy)met...	10.322	93	517448	39.125	ng	99
29) 2,4-Dichlorophenol	10.563	162	396790	40.391	ng	100
30) 1,2,4-Trichlorobenzene	10.781	180	436073	39.099	ng	99
31) Naphthalene	10.975	128	1215541	39.028	ng	99
32) Benzoic acid	10.246	122	285841	38.973	ng	98
33) 4-Chloroaniline	11.081	127	540690	40.497	ng	99
34) Hexachlorobutadiene	11.252	225	322688	39.795	ng	99
35) Caprolactam	11.887	113	120179	42.738	ng	99
36) 4-Chloro-3-methylphenol	12.193	107	448834	40.966	ng	99
37) 2-Methylnaphthalene	12.569	142	885168	38.523	ng	99
38) 1-Methylnaphthalene	12.787	142	846809	39.536	ng	100
40) 1,2,4,5-Tetrachloroben...	12.934	216	547626	37.916	ng	100
41) Hexachlorocyclopentadiene	12.910	237	340388	37.553	ng	99
43) 2,4,6-Trichlorophenol	13.169	196	364992	39.979	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.246	196	422983	39.983	ng	98
46) 1,1'-Biphenyl	13.569	154	1204292	39.485	ng	100
47) 2-Chloronaphthalene	13.616	162	924066	39.357	ng	99
48) 2-Nitroaniline	13.816	65	301894	42.368	ng	98
49) Acenaphthylene	14.457	152	1467703	39.308	ng	100
50) Dimethylphthalate	14.187	163	1256949	40.210	ng	99
51) 2,6-Dinitrotoluene	14.310	165	274572	41.710	ng	97
52) Acenaphthene	14.798	154	878732	39.096	ng	100
53) 3-Nitroaniline	14.640	138	267802	41.510	ng	99
54) 2,4-Dinitrophenol	14.845	184	182816	39.092	ng	98
55) Dibenzofuran	15.134	168	1457391	39.773	ng	98
56) 4-Nitrophenol	14.940	139	211821	40.320	ng	97
57) 2,4-Dinitrotoluene	15.092	165	371288	42.194	ng	99
58) Fluorene	15.781	166	1162585	39.957	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.357	232	369383	40.024	ng	99
60) Diethylphthalate	15.545	149	1235307	40.024	ng	99
61) 4-Chlorophenyl-phenyle...	15.769	204	656947	39.830	ng	98
62) 4-Nitroaniline	15.804	138	273029	42.502	ng	98
63) Azobenzene	16.063	77	1139789	39.909	ng	99
65) 4,6-Dinitro-2-methylph...	15.857	198	243948	39.838	ng	98
66) n-Nitrosodiphenylamine	15.987	169	1029986	39.427	ng	99
67) 4-Bromophenyl-phenylether	16.669	248	429882	39.311	ng	98
68) Hexachlorobenzene	16.787	284	468331	39.955	ng	99
69) Atrazine	16.934	200	352109	38.390	ng	98
70) Pentachlorophenol	17.134	266	342128	40.471	ng	98
71) Phenanthrene	17.534	178	1789240	38.741	ng	99
72) Anthracene	17.622	178	1847310	39.146	ng	99
73) Carbazole	17.886	167	1591582	39.098	ng	99
74) Di-n-butylphthalate	18.416	149	1995868	39.215	ng	99
75) Fluoranthene	19.480	202	2124999	38.494	ng	99
77) Benzidine	19.657	184	614477	44.235	ng	99
78) Pyrene	19.833	202	2204023	42.933	ng	99
80) Butylbenzylphthalate	20.686	149	807943	41.513	ng	99
81) Benzo(a)anthracene	21.545	228	1914929	39.020	ng	100
82) 3,3'-Dichlorobenzidine	21.474	252	607179	38.667	ng	100
83) Chrysene	21.604	228	1863589	40.099	ng	100
84) Bis(2-ethylhexyl)phtha...	21.445	149	1079347	37.803	ng	99
85) Di-n-octyl phthalate	22.416	149	1767940	38.146	ng	100
87) Indeno(1,2,3-cd)pyrene	26.798	276	1922828	39.090	ng	99
88) Benzo(b)fluoranthene	23.327	252	1614556	38.731	ng	99
89) Benzo(k)fluoranthene	23.380	252	1675311	40.534	ng	100
90) Benzo(a)pyrene	23.998	252	1577488	39.673	ng	100
91) Dibenzo(a,h)anthracene	26.810	278	1597960	39.075	ng	100
92) Benzo(g,h,i)perylene	27.621	276	1586792	39.154	ng	98

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

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