Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP123024\
Data File : BP023590.D
Acq On : 30 Dec 2024 16:24
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP123024

Quant Time: Dec 30 17:00:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP123024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 30 16:39:09 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	640296	20.000	ng	-0.03
21) Naphthalene-d8	10.563	136	2746261	20.000	ng	-0.03
39) Acenaphthene-d10	14.434	164	1721000	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	3507294	20.000	ng	0.00
76) Chrysene-d12	21.733	240	3325790	20.000	ng	0.01
86) Perylene-d12	25.186	264	3542832	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	3261589	79.505	ng	-0.04
7) Phenol-d6	6.934	99	4620167	82.672	ng	-0.04
23) Nitrobenzene-d5	8.916	82	4016898	82.541	ng	-0.04
42) 2,4,6-Tribromophenol	15.951	330	1625296	81.676	ng	0.00
45) 2-Fluorobiphenyl	13.040	172	9443098	80.523	ng	-0.01
79) Terphenyl-d14	19.980	244	13325530	81.497	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	630547	38.268	ng	100
3) Pyridine	3.711	79	1846464m	38.970	ng	
4) n-Nitrosodimethylamine	3.622	42	651931	40.375	ng	96
6) Aniline	7.105	93	2004438	40.025	ng	100
8) 2-Chlorophenol	7.340	128	1780386	40.408	ng	99
9) Benzaldehyde	6.916	77	1175130	37.653	ng	98
10) Phenol	6.958	94	2322489	40.858	ng	100
11) bis(2-Chloroethyl)ether	7.199	93	1832393	40.349	ng	99
12) 1,3-Dichlorobenzene	7.663	146	1981505	38.876	ng	99
13) 1,4-Dichlorobenzene	7.810	146	2010603	38.889	ng	99
14) 1,2-Dichlorobenzene	8.128	146	1926323	38.809	ng	100
15) Benzyl Alcohol	7.999	79	1512133	41.615	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.299	45	1845360	39.705	ng	99
17) 2-Methylphenol	8.199	107	1503672	40.876	ng	99
18) Hexachloroethane	8.852	117	717472	38.881	ng	100
19) n-Nitroso-di-n-propyla...	8.575	70	1446063	40.953	ng	99
20) 3+4-Methylphenols	8.528	107	2052032	41.242	ng	99
22) Acetophenone	8.587	105	2844485	39.714	ng	100
24) Nitrobenzene	8.957	77	2073719	40.784	ng	99
25) Isophorone	9.487	82	3900767	40.007	ng	98
26) 2-Nitrophenol	9.669	139	782476	43.351	ng	99
27) 2,4-Dimethylphenol	9.728	122	1236215	39.765	ng	97
28) bis(2-Chloroethoxy)met...	9.969	93	2415169	39.447	ng	100
29) 2,4-Dichlorophenol	10.199	162	1635865	41.532	ng	99
30) 1,2,4-Trichlorobenzene	10.422	180	1824527	39.069	ng	99
31) Naphthalene	10.610	128	5897174	39.041	ng	100
32) Benzoic acid	9.846	122	1037544	44.127	ng	99
33) 4-Chloroaniline	10.704	127	2229247	39.752	ng	99
34) Hexachlorobutadiene	10.910	225	1052254	38.854	ng	99
35) Caprolactam	11.475	113	631021	41.263	ng	98
36) 4-Chloro-3-methylphenol	11.834	107	1849442	41.719	ng	100
37) 2-Methylnaphthalene	12.228	142	4108951	39.527	ng	100
38) 1-Methylnaphthalene	12.451	142	4041068	39.571	ng	100
40) 1,2,4,5-Tetrachloroben...	12.598	216	1934886	39.830	ng	99
41) Hexachlorocyclopentadiene	12.593	237	547413	39.406	ng	98
43) 2,4,6-Trichlorophenol	12.834	196	1247703	43.183	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.904	196	1423131	42.986	ng	99
46) 1,1'-Biphenyl	13.251	154	5132323	39.642	ng	100
47) 2-Chloronaphthalene	13.292	162	4065999	39.516	ng	99
48) 2-Nitroaniline	13.481	65	1063011	40.601	ng	99
49) Acenaphthylene	14.145	152	6085515	40.342	ng	100
50) Dimethylphthalate	13.881	163	4909786	39.438	ng	99
51) 2,6-Dinitrotoluene	13.992	165	1099719	43.668	ng	97
52) Acenaphthene	14.498	154	4043581	40.104	ng	99
53) 3-Nitroaniline	14.322	138	1189739	44.068	ng	98
54) 2,4-Dinitrophenol	14.528	184	318305	43.268	ng	94
55) Dibenzofuran	14.839	168	5974293	39.557	ng	100
56) 4-Nitrophenol	14.628	139	959734	42.256	ng	99
57) 2,4-Dinitrotoluene	14.787	165	1455241	39.831	ng	98
58) Fluorene	15.498	166	5107598	39.978	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.069	232	1179642	42.779	ng	99
60) Diethylphthalate	15.281	149	5083103	39.536	ng	99
61) 4-Chlorophenyl-phenyle...	15.504	204	2466865	39.778	ng	99
62) 4-Nitroaniline	15.510	138	1309147	43.476	ng	99
63) Azobenzene	15.804	77	4847650	40.065	ng	99
65) 4,6-Dinitro-2-methylph...	15.575	198	519874	41.702	ng	98
66) n-Nitrosodiphenylamine	15.722	169	4144760	39.068	ng	100
67) 4-Bromophenyl-phenylether	16.428	248	1429609	38.321	ng	96
68) Hexachlorobenzene	16.539	284	1822012	39.809	ng	98
69) Atrazine	16.710	200	1024722	36.778	ng	99
70) Pentachlorophenol	16.886	266	1117204	42.327	ng	98
71) Phenanthrene	17.292	178	7441295	39.832	ng	99
72) Anthracene	17.392	178	7172116	39.459	ng	100
73) Carbazole	17.657	167	7278478	39.115	ng	99
74) Di-n-butylphthalate	18.280	149	8809987	42.804	ng	100
75) Fluoranthene	19.386	202	8730180	39.888	ng	100
77) Benzidine	19.575	184	2542878	44.618	ng	99
78) Pyrene	19.763	202	9155937	41.630	ng	100
80) Butylbenzylphthalate	20.733	149	3691925	39.265	ng	97
81) Benzo(a)anthracene	21.710	228	8817368	39.455	ng	99
82) 3,3'-Dichlorobenzidine	21.627	252	3042749	40.468	ng	99
83) Chrysene	21.780	228	8223758	39.160	ng	100
84) Bis(2-ethylhexyl)phtha...	21.680	149	5788597	41.801	ng	99
85) Di-n-octyl phthalate	23.021	149	9257931	41.793	ng	100
87) Indeno(1,2,3-cd)pyrene	29.103	276	10108200m	40.500	ng	
88) Benzo(b)fluoranthene	24.092	252	9122205	41.002	ng	99
89) Benzo(k)fluoranthene	24.174	252	8743148	40.250	ng	100
90) Benzo(a)pyrene	25.033	252	7749640	40.554	ng	100
91) Dibenzo(a,h)anthracene	29.203	278	8414863	40.581	ng	99
92) Benzo(g,h,i)perylene	30.315	276	8353282	40.231	ng	99

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

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