Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP123024\
Data File : BP023588.D
Acq On : 30 Dec 2024 14:19
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Dec 30 16:03:38 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 15:51:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.816	152	620559	20.000	ng		0.00
21) Naphthalene-d8	10.593	136	2663631	20.000	ng		0.00
39) Acenaphthene-d10	14.440	164	1678057	20.000	ng		0.00
64) Phenanthrene-d10	17.245	188	3443876	20.000	ng		0.00
76) Chrysene-d12	21.710	240	3323037	20.000	ng		-0.01
86) Perylene-d12	25.157	264	3516547	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.417	112	4983624	125.345	ng		0.00
7) Phenol-d6	6.975	99	6896784	127.335	ng		0.00
23) Nitrobenzene-d5	8.958	82	5977647	126.642	ng		0.00
42) 2,4,6-Tribromophenol	15.957	330	2547202	131.280	ng		0.00
45) 2-Fluorobiphenyl	13.051	172	13898213	121.545	ng		0.00
79) Terphenyl-d14	19.975	244	15431308	94.453	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	949751	59.474	ng		100
3) Pyridine	3.740	79	2859190m	62.232	ng		
4) n-Nitrosodimethylamine	3.652	42	980008	62.624	ng		94
6) Aniline	7.152	93	2990712	61.619	ng		99
8) 2-Chlorophenol	7.387	128	2671374	62.559	ng		99
9) Benzaldehyde	6.958	77	1393757	46.078	ng		98
10) Phenol	7.005	94	3464115	62.880	ng		99
11) bis(2-Chloroethyl)ether	7.240	93	2721120	61.825	ng		98
12) 1,3-Dichlorobenzene	7.711	146	2972981	60.183	ng		99
13) 1,4-Dichlorobenzene	7.852	146	3027118	60.413	ng		100
14) 1,2-Dichlorobenzene	8.164	146	2908248	60.456	ng		99
15) Benzyl Alcohol	8.046	79	2276710	64.650	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.346	45	2749656	61.043	ng		98
17) 2-Methylphenol	8.240	107	2250613	63.127	ng		99
18) Hexachloroethane	8.893	117	1099557	61.483	ng		96
19) n-Nitroso-di-n-propyla...	8.616	70	2148581	62.784	ng		99
20) 3+4-Methylphenols	8.569	107	3130792	64.924	ng		99
22) Acetophenone	8.622	105	4216307	60.693	ng	#	99
24) Nitrobenzene	8.999	77	3094425	62.746	ng		99
25) Isophorone	9.522	82	5908838	62.482	ng		98
26) 2-Nitrophenol	9.705	139	1206321	62.453	ng		99
27) 2,4-Dimethylphenol	9.758	122	1906387	63.225	ng		98
28) bis(2-Chloroethoxy)met...	10.005	93	3687437	62.096	ng		99
29) 2,4-Dichlorophenol	10.234	162	2531918	66.276	ng		100
30) 1,2,4-Trichlorobenzene	10.452	180	2756676	60.861	ng		100
31) Naphthalene	10.640	128	8876599	60.589	ng		99
32) Benzoic acid	9.899	122	1632314	62.741	ng		99
33) 4-Chloroaniline	10.740	127	3370068	61.959	ng		99
34) Hexachlorobutadiene	10.940	225	1616307	61.532	ng		98
35) Caprolactam	11.516	113	975489	65.767	ng		97
36) 4-Chloro-3-methylphenol	11.863	107	2870891	66.769	ng		98
37) 2-Methylnaphthalene	12.252	142	6289106	62.377	ng		100
38) 1-Methylnaphthalene	12.469	142	6099937	61.585	ng		100
40) 1,2,4,5-Tetrachloroben...	12.616	216	2962238	62.538	ng		99
41) Hexachlorocyclopentadiene	12.604	237	880857	65.032	ng		100
43) 2,4,6-Trichlorophenol	12.852	196	1946847	69.104	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	2215990	68.647	ng		100
46) 1,1'-Biphenyl	13.263	154	7715219	61.117	ng		99
47) 2-Chloronaphthalene	13.299	162	6112374	60.925	ng		100
48) 2-Nitroaniline	13.499	65	1631283	61.879	ng		98
49) Acenaphthylene	14.157	152	9082160	61.748	ng		99
50) Dimethylphthalate	13.893	163	7598430	62.596	ng		99
51) 2,6-Dinitrotoluene	13.999	165	1720638	70.072	ng		97
52) Acenaphthene	14.510	154	6164441	62.703	ng		99
53) 3-Nitroaniline	14.328	138	1837392	69.798	ng		98
54) 2,4-Dinitrophenol	14.540	184	533944	62.341	ng		94
55) Dibenzofuran	14.851	168	9049032	61.449	ng		99
56) 4-Nitrophenol	14.634	139	1531441	69.153	ng		93
57) 2,4-Dinitrotoluene	14.798	165	2289235	61.873	ng		96
58) Fluorene	15.510	166	7605271	61.051	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.069	232	1840508	68.452	ng		99
60) Diethylphthalate	15.287	149	7868021	62.763	ng		100
61) 4-Chlorophenyl-phenyle...	15.504	204	3766239	62.285	ng		97
62) 4-Nitroaniline	15.516	138	2024643	68.958	ng		98
63) Azobenzene	15.804	77	7275176	61.666	ng		99
65) 4,6-Dinitro-2-methylph...	15.581	198	899006	63.117	ng		99
66) n-Nitrosodiphenylamine	15.716	169	6394417	61.382	ng		100
67) 4-Bromophenyl-phenylether	16.416	248	2251646	61.468	ng		98
68) Hexachlorobenzene	16.534	284	2822135	62.796	ng		99
69) Atrazine	16.692	200	1461408	53.417	ng		100
70) Pentachlorophenol	16.881	266	1789787	69.058	ng		99
71) Phenanthrene	17.287	178	11254835	61.355	ng		98
72) Anthracene	17.381	178	10995003	61.605	ng		99
73) Carbazole	17.663	167	11240170	61.517	ng		100
74) Di-n-butylphthalate	18.269	149	12349334	61.105	ng	#	94
75) Fluoranthene	19.369	202	12905513	60.050	ng		93
77) Benzidine	19.563	184	3583225	62.924	ng		99
78) Pyrene	19.745	202	13142524	59.805	ng		96
80) Butylbenzylphthalate	20.716	149	6233860	63.526	ng		99
81) Benzo(a)anthracene	21.692	228	13769349	61.664	ng		98
82) 3,3'-Dichlorobenzidine	21.616	252	4857433	64.657	ng		99
83) Chrysene	21.769	228	12826965	61.130	ng		98
84) Bis(2-ethylhexyl)phtha...	21.669	149	9744732	70.428	ng		98
85) Di-n-octyl phthalate	22.998	149	15494088	70.002	ng		100
87) Indeno(1,2,3-cd)pyrene	29.092	276	15587037m	62.927	ng		
88) Benzo(b)fluoranthene	24.080	252	14034066	63.550	ng		99
89) Benzo(k)fluoranthene	24.151	252	13769725	63.864	ng		99
90) Benzo(a)pyrene	24.998	252	12164723	64.134	ng		100
91) Dibenzo(a,h)anthracene	29.186	278	12960204	62.969	ng		99
92) Benzo(g,h,i)perylene	30.304	276	12820035	62.205	ng		99

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

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