Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091624\
Data File : BP021932.D
Acq On : 16 Sep 2024 13:53
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Sep 16 16:40:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 16 16:26:06 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	118788	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	626099	20.000	ng	0.00
39) Acenaphthene-d10	14.351	164	463586	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	1072164	20.000	ng	0.00
76) Chrysene-d12	21.575	240	1118288	20.000	ng	0.00
86) Perylene-d12	24.868	264	1265097	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.370	112	502860	76.396	ng	0.00
7) Phenol-d6	6.928	99	660422	81.869	ng	0.00
23) Nitrobenzene-d5	8.887	82	702886	61.594	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	471893	77.520	ng	0.00
45) 2-Fluorobiphenyl	12.969	172	2351030	77.283	ng	0.00
79) Terphenyl-d14	19.863	244	4397611	77.677	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	146137	51.204	ng	100
3) Pyridine	3.693	79	296471	44.680	ng	100
4) n-Nitrosodimethylamine	3.599	42	161738	40.713	ng	100
6) Aniline	7.087	93	296064	40.614	ng	100
8) 2-Chlorophenol	7.322	128	275840	40.203	ng	100
9) Benzaldehyde	6.899	77	183225	42.612	ng	100
10) Phenol	6.958	94	329081	40.976	ng	100
11) bis(2-Chloroethyl)ether	7.181	93	262814	40.805	ng	100
12) 1,3-Dichlorobenzene	7.640	146	344474	40.362	ng	100
13) 1,4-Dichlorobenzene	7.787	146	345760	40.020	ng	100
14) 1,2-Dichlorobenzene	8.099	146	330450	39.972	ng	100
15) Benzyl Alcohol	7.981	79	243646	39.363	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.263	45	301137	42.240	ng	100
17) 2-Methylphenol	8.181	107	228557	40.756	ng	100
18) Hexachloroethane	8.816	117	132238	41.612	ng	100
19) n-Nitroso-di-n-propyla...	8.540	70	224300	41.365	ng	100
20) 3+4-Methylphenols	8.505	107	322374	41.004	ng	100
22) Acetophenone	8.558	105	450034	30.557	ng	100
24) Nitrobenzene	8.928	77	365659	30.957	ng	100
25) Isophorone	9.452	82	607989	33.327	ng	100
26) 2-Nitrophenol	9.634	139	153209	32.898	ng	100
27) 2,4-Dimethylphenol	9.693	122	191247	33.090	ng	100
28) bis(2-Chloroethoxy)met...	9.922	93	497329	41.161	ng	100
29) 2,4-Dichlorophenol	10.157	162	401857	40.650	ng	100
30) 1,2,4-Trichlorobenzene	10.375	180	480455	39.880	ng	100
31) Naphthalene	10.557	128	1255019	40.079	ng	100
32) Benzoic acid	9.834	122	206416	32.633	ng	100
33) 4-Chloroaniline	10.669	127	466146	40.470	ng	100
34) Hexachlorobutadiene	10.846	225	316513	38.011	ng	100
35) Caprolactam	11.452	113	126672	42.033	ng	100
36) 4-Chloro-3-methylphenol	11.793	107	423287	39.409	ng	100
37) 2-Methylnaphthalene	12.163	142	899674	39.518	ng	100
38) 1-Methylnaphthalene	12.387	142	895078	39.669	ng	100
40) 1,2,4,5-Tetrachloroben...	12.534	216	547071	39.310	ng	100
41) Hexachlorocyclopentadiene	12.516	237	184507	38.066	ng	100
43) 2,4,6-Trichlorophenol	12.775	196	361543	40.652	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	407406	39.924	ng	100
46) 1,1'-Biphenyl	13.181	154	1241032	39.279	ng	100
47) 2-Chloronaphthalene	13.216	162	1001978	39.498	ng	100
48) 2-Nitroaniline	13.422	65	286476	41.104	ng	100
49) Acenaphthylene	14.075	152	1452264	39.977	ng	100
50) Dimethylphthalate	13.804	163	1290915	38.889	ng	100
51) 2,6-Dinitrotoluene	13.916	165	295492	40.426	ng	100
52) Acenaphthene	14.422	154	929486	39.283	ng	100
53) 3-Nitroaniline	14.251	138	279690	41.778	ng	100
54) 2,4-Dinitrophenol	14.463	184	152366	40.173	ng	100
55) Dibenzofuran	14.751	168	1551783	41.058	ng	100
56) 4-Nitrophenol	14.569	139	248228	42.491	ng	100
57) 2,4-Dinitrotoluene	14.710	165	411216	41.632	ng	100
58) Fluorene	15.410	166	1265496	40.887	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.975	232	362765	41.766	ng	100
60) Diethylphthalate	15.187	149	1291352	39.402	ng	100
61) 4-Chlorophenyl-phenyle...	15.404	204	672186	40.508	ng	100
62) 4-Nitroaniline	15.428	138	298807	42.313	ng	100
63) Azobenzene	15.698	77	1179871	41.237	ng	100
65) 4,6-Dinitro-2-methylph...	15.493	198	228078	40.213	ng	100
66) n-Nitrosodiphenylamine	15.622	169	1085361	39.561	ng	100
67) 4-Bromophenyl-phenylether	16.316	248	425814	38.948	ng	100
68) Hexachlorobenzene	16.428	284	497798	38.240	ng	100
69) Atrazine	16.598	200	396852	39.493	ng	100
70) Pentachlorophenol	16.781	266	343552	39.198	ng	100
71) Phenanthrene	17.187	178	2088937	39.653	ng	100
72) Anthracene	17.281	178	2016779	39.841	ng	100
73) Carbazole	17.557	167	2014168	40.155	ng	100
74) Di-n-butylphthalate	18.145	149	2300402	39.289	ng	100
75) Fluoranthene	19.263	202	2765543	40.207	ng	100
77) Benzidine	19.463	184	510928	31.394	ng	100
78) Pyrene	19.639	202	2934833	41.061	ng	100
80) Butylbenzylphthalate	20.592	149	1078492	39.916	ng	100
81) Benzo(a)anthracene	21.551	228	2853231	39.609	ng	100
82) 3,3'-Dichlorobenzidine	21.469	252	986074	41.063	ng	100
83) Chrysene	21.622	228	2730600	39.648	ng	100
84) Bis(2-ethylhexyl)phtha...	21.486	149	1589912	40.359	ng	100
85) Di-n-octyl phthalate	22.745	149	2620511	40.287	ng	100
87) Indeno(1,2,3-cd)pyrene	28.627	276	3184042	39.208	ng	100
88) Benzo(b)fluoranthene	23.827	252	2982090	41.257	ng	100
89) Benzo(k)fluoranthene	23.886	252	2879280	41.976	ng	100
90) Benzo(a)pyrene	24.710	252	2573889	40.043	ng	100
91) Dibenzo(a,h)anthracene	28.698	278	2607603	38.782	ng	100
92) Benzo(g,h,i)perylene	29.786	276	2759161	39.452	ng	100

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

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