Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091624\
Data File : BP021936.D
Acq On : 16 Sep 2024 16:35
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP091624

Quant Time: Sep 16 18:07:59 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 17:00:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	120317	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	444569	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	465447	20.000	ng	0.01
64) Phenanthrene-d10	17.145	188	1025609	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1049686	20.000	ng	0.01
86) Perylene-d12	24.892	264	1189524	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	500649	75.094	ng	0.00
7) Phenol-d6	6.928	99	643947	78.812	ng	0.00
23) Nitrobenzene-d5	8.887	82	668049	82.446	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	465601	76.181	ng	0.00
45) 2-Fluorobiphenyl	12.969	172	1850902	60.600	ng	0.00
79) Terphenyl-d14	19.869	244	4155924	78.206	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	105355	36.445	ng	97
3) Pyridine	3.699	79	270139	40.211	ng	98
4) n-Nitrosodimethylamine	3.605	42	145032	36.044	ng	97
6) Aniline	7.087	93	282628	38.278	ng	98
8) 2-Chlorophenol	7.322	128	271339	39.044	ng	98
9) Benzaldehyde	6.905	77	189095	43.418	ng	98
10) Phenol	6.958	94	316433	38.901	ng	98
11) bis(2-Chloroethyl)ether	7.175	93	252400	38.690	ng	98
12) 1,3-Dichlorobenzene	7.640	146	344168	39.814	ng	98
13) 1,4-Dichlorobenzene	7.781	146	344627	39.382	ng	99
14) 1,2-Dichlorobenzene	8.093	146	327941	39.165	ng	100
15) Benzyl Alcohol	7.981	79	243237	38.798	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.269	45	275963	38.217	ng	98
17) 2-Methylphenol	8.181	107	220311	38.787	ng	99
18) Hexachloroethane	8.816	117	130094	40.418	ng	100
19) n-Nitroso-di-n-propyla...	8.540	70	207954	37.863	ng	96
20) 3+4-Methylphenols	8.505	107	304658	38.259	ng	98
22) Acetophenone	8.558	105	420206	40.182	ng	100
24) Nitrobenzene	8.928	77	344228	41.043	ng	99
25) Isophorone	9.452	82	552199	42.629	ng	99
26) 2-Nitrophenol	9.628	139	146744	44.376	ng	98
27) 2,4-Dimethylphenol	9.687	122	174677	42.564	ng	94
28) bis(2-Chloroethoxy)met...	9.922	93	338987	39.512	ng	98
29) 2,4-Dichlorophenol	10.163	162	286781	40.855	ng	99
30) 1,2,4-Trichlorobenzene	10.369	180	338960	39.624	ng	99
31) Naphthalene	10.563	128	872132	39.224	ng	99
32) Benzoic acid	9.828	122	190675	42.496	ng	99
33) 4-Chloroaniline	10.663	127	317728	38.848	ng	97
34) Hexachlorobutadiene	10.852	225	240907	40.745	ng	97
35) Caprolactam	11.446	113	84989	39.756	ng	98
36) 4-Chloro-3-methylphenol	11.787	107	310126	40.663	ng	96
37) 2-Methylnaphthalene	12.163	142	647315	40.040	ng	97
38) 1-Methylnaphthalene	12.381	142	642268	40.087	ng	100
40) 1,2,4,5-Tetrachloroben...	12.540	216	406671	29.105	ng	99
41) Hexachlorocyclopentadiene	12.522	237	147864	30.384	ng	99
43) 2,4,6-Trichlorophenol	12.775	196	283828	31.786	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.846	196	318106	31.049	ng	98
46) 1,1'-Biphenyl	13.175	154	974493	30.720	ng	99
47) 2-Chloronaphthalene	13.222	162	788156	30.945	ng	99
48) 2-Nitroaniline	13.428	65	224346	32.061	ng	100
49) Acenaphthylene	14.081	152	1457183	39.952	ng	99
50) Dimethylphthalate	13.810	163	1108530	33.261	ng	99
51) 2,6-Dinitrotoluene	13.922	165	262626	35.786	ng	99
52) Acenaphthene	14.428	154	917343	38.615	ng	100
53) 3-Nitroaniline	14.257	138	273655	40.713	ng	94
54) 2,4-Dinitrophenol	14.475	184	153134	40.214	ng	99
55) Dibenzofuran	14.757	168	1552001	40.899	ng	100
56) 4-Nitrophenol	14.575	139	240870	41.067	ng	99
57) 2,4-Dinitrotoluene	14.728	165	408327	41.174	ng	96
58) Fluorene	15.422	166	1248983	40.193	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.987	232	359904	41.277	ng	99
60) Diethylphthalate	15.192	149	1245961	37.865	ng	99
61) 4-Chlorophenyl-phenyle...	15.422	204	662109	39.742	ng	99
62) 4-Nitroaniline	15.440	138	287183	40.505	ng	99
63) Azobenzene	15.716	77	1128507	39.284	ng	99
65) 4,6-Dinitro-2-methylph...	15.498	198	219635	40.482	ng	99
66) n-Nitrosodiphenylamine	15.628	169	1064290	40.554	ng	100
67) 4-Bromophenyl-phenylether	16.322	248	416289	39.805	ng	99
68) Hexachlorobenzene	16.445	284	490385	39.380	ng	98
69) Atrazine	16.598	200	370811	38.576	ng	99
70) Pentachlorophenol	16.787	266	338039	40.320	ng	98
71) Phenanthrene	17.186	178	1999022	39.668	ng	99
72) Anthracene	17.286	178	1928118	39.819	ng	99
73) Carbazole	17.563	167	1931523	40.255	ng	100
74) Di-n-butylphthalate	18.151	149	1954416	34.895	ng	100
75) Fluoranthene	19.269	202	2600300	39.520	ng	99
77) Benzidine	19.469	184	524822	34.356	ng	99
78) Pyrene	19.651	202	2742191	40.873	ng	99
80) Butylbenzylphthalate	20.604	149	995418	39.249	ng	98
81) Benzo(a)anthracene	21.563	228	2671726	39.514	ng	99
82) 3,3'-Dichlorobenzidine	21.480	252	940677	41.732	ng	99
83) Chrysene	21.627	228	2515332	38.909	ng	100
84) Bis(2-ethylhexyl)phtha...	21.498	149	1464456	39.604	ng	99
85) Di-n-octyl phthalate	22.763	149	1963997	32.167	ng	99
87) Indeno(1,2,3-cd)pyrene	28.627	276	2997562	39.264	ng	100
88) Benzo(b)fluoranthene	23.833	252	2747132	40.421	ng	100
89) Benzo(k)fluoranthene	23.910	252	2687998	41.653	ng	100
90) Benzo(a)pyrene	24.733	252	2402283	39.748	ng	100
91) Dibenzo(a,h)anthracene	28.704	278	2459588	38.904	ng	99
92) Benzo(g,h,i)perylene	29.798	276	2592522	39.427	ng	99

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

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