Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032222\
Data File : BP009490.D
Acq On : 22 Mar 2022 16:22
Operator : CG/JU
Sample : N2030-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MR-1MS

Quant Time: Mar 23 01:21:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 18:26:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.792	152	365210	20.000	ng		0.00
21) Naphthalene-d8	10.586	136	1375137	20.000	ng		0.00
39) Acenaphthene-d10	14.433	164	768258	20.000	ng		-0.01
64) Phenanthrene-d10	17.198	188	1469344	20.000	ng		0.00
76) Chrysene-d12	21.309	240	1427587	20.000	ng		0.00
86) Perylene-d12	23.715	264	1858492	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.398	112	3672968	175.591	ng		0.00
7) Phenol-d6	6.987	99	4484630	158.533	ng		0.00
23) Nitrobenzene-d5	8.951	82	2766667	106.914	ng		0.00
42) 2,4,6-Tribromophenol	15.933	330	1586766	125.163	ng		-0.01
45) 2-Fluorobiphenyl	13.057	172	5807486	104.794	ng		0.00
79) Terphenyl-d14	19.774	244	7530797	94.684	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	433194	52.285	ng		98
3) Pyridine	3.722	79	1204335	53.971	ng		99
4) n-Nitrosodimethylamine	3.628	42	525326	63.923	ng		98
6) Aniline	7.122	93	1622778	50.333	ng		98
8) 2-Chlorophenol	7.363	128	1364427	57.202	ng		98
9) Benzaldehyde	6.934	77	686905	53.955	ng		97
10) Phenol	7.010	94	1660280	58.502	ng		99
11) bis(2-Chloroethyl)ether	7.222	93	1272577	56.659	ng		97
12) 1,3-Dichlorobenzene	7.681	146	1478717	54.928	ng		99
13) 1,4-Dichlorobenzene	7.828	146	1501997	54.568	ng		99
14) 1,2-Dichlorobenzene	8.145	146	1438568	54.073	ng		98
15) Benzyl Alcohol	8.040	79	1131014	50.147	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.328	45	1417853	58.235	ng		98
17) 2-Methylphenol	8.251	107	1070586	54.742	ng		99
18) Hexachloroethane	8.869	117	522439	54.159	ng		94
19) n-Nitroso-di-n-propyla...	8.604	70	920138	51.426	ng		98
20) 3+4-Methylphenols	8.581	107	1425876	53.024	ng		99
22) Acetophenone	8.616	105	1861785	54.701	ng	#	99
24) Nitrobenzene	8.992	77	1396261	57.118	ng		98
25) Isophorone	9.522	82	2488774	56.383	ng		99
26) 2-Nitrophenol	9.698	139	684999	53.759	ng		98
27) 2,4-Dimethylphenol	9.775	122	1158613	64.440	ng		99
28) bis(2-Chloroethoxy)met...	10.004	93	1534697	53.399	ng		99
29) 2,4-Dichlorophenol	10.245	162	1181037	53.851	ng		99
30) 1,2,4-Trichlorobenzene	10.451	180	1329858	52.338	ng		99
31) Naphthalene	10.633	128	3834057	54.128	ng		100
32) Benzoic acid	9.963	122	765846	54.481	ng		93
33) 4-Chloroaniline	10.751	127	701315	24.263	ng		98
34) Hexachlorobutadiene	10.928	225	832175	48.336	ng		100
35) Caprolactam	11.551	113	340053	45.943	ng		97
36) 4-Chloro-3-methylphenol	11.898	107	1159730	49.211	ng		99
37) 2-Methylnaphthalene	12.251	142	2570366	51.718	ng		99
38) 1-Methylnaphthalene	12.469	142	2458081	50.771	ng		100
40) 1,2,4,5-Tetrachloroben...	12.622	216	1416267	55.562	ng		99
41) Hexachlorocyclopentadiene	12.604	237	1118403	98.902	ng		99
43) 2,4,6-Trichlorophenol	12.869	196	915892	54.210	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	981845	53.515	ng	97
46) 1,1'-Biphenyl	13.269	154	3215974	56.113	ng	99
47) 2-Chloronaphthalene	13.304	162	2527736	56.019	ng	99
48) 2-Nitroaniline	13.516	65	694372	56.501	ng	98
49) Acenaphthylene	14.157	152	4060787	58.297	ng	99
50) Dimethylphthalate	13.898	163	2913711	50.053	ng	100
51) 2,6-Dinitrotoluene	14.016	165	644998	52.882	ng	99
52) Acenaphthene	14.498	154	2279025	54.771	ng	100
53) 3-Nitroaniline	14.345	138	473152	36.727	ng	97
54) 2,4-Dinitrophenol	14.557	184	535633	71.202	ng	97
55) Dibenzofuran	14.839	168	3634342	51.990	ng	100
56) 4-Nitrophenol	14.680	139	1068358	111.253	ng	99
57) 2,4-Dinitrotoluene	14.810	165	861916	51.394	ng	96
58) Fluorene	15.486	166	2856750	51.962	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.069	232	804192	48.349	ng	95
60) Diethylphthalate	15.269	149	2804105	48.129	ng	100
61) 4-Chlorophenyl-phenyle...	15.486	204	1478134	48.807	ng	96
62) 4-Nitroaniline	15.516	138	618004	45.678	ng	99
63) Azobenzene	15.780	77	2697258	53.219	ng	98
65) 4,6-Dinitro-2-methylph...	15.580	198	376068	39.803	ng	95
66) n-Nitrosodiphenylamine	15.704	169	2476582	56.956	ng	99
67) 4-Bromophenyl-phenylether	16.386	248	926464	51.528	ng	95
68) Hexachlorobenzene	16.504	284	1048034	50.647	ng	98
69) Atrazine	16.668	200	860961	56.317	ng	97
70) Pentachlorophenol	16.857	266	1241530	112.238	ng	99
71) Phenanthrene	17.239	178	4339268	55.169	ng	99
72) Anthracene	17.333	178	4369953	56.272	ng	99
73) Carbazole	17.610	167	3949735	52.006	ng	100
74) Di-n-butylphthalate	18.168	149	4565399	51.298	ng	99
75) Fluoranthene	19.221	202	5002526	52.535	ng	99
77) Benzidine	19.410	184	2753285	78.683	ng	99
78) Pyrene	19.574	202	5112096	54.343	ng	100
80) Butylbenzylphthalate	20.456	149	2022698	50.587	ng	98
81) Benzo(a)anthracene	21.298	228	5247754	55.951	ng	100
82) 3,3'-Dichlorobenzidine	21.227	252	1849723	51.051	ng	99
83) Chrysene	21.351	228	4870895	54.845	ng	99
84) Bis(2-ethylhexyl)phtha...	21.233	149	2790056	50.062	ng	100
85) Di-n-octyl phthalate	22.156	149	5136307	53.468	ng	99
87) Indeno(1,2,3-cd)pyrene	26.227	276	7832871	55.553	ng	97
88) Benzo(b)fluoranthene	22.986	252	6422800	57.891	ng	99
89) Benzo(k)fluoranthene	23.033	252	5770404	53.121	ng	99
90) Benzo(a)pyrene	23.609	252	6214656	65.470	ng	98
91) Dibenzo(a,h)anthracene	26.239	278	6781102	57.705	ng	98
92) Benzo(g,h,i)perylene	26.991	276	6882109	59.532	ng	97

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

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