Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
Data File : BP009663.D
Acq On : 01 Apr 2022 18:04
Operator : CG/JU
Sample : N2220-11MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A04100MSD

Quant Time: Apr 01 22:45:03 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 31 04:36:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.728	152	254234	20.000	ng		-0.01
21) Naphthalene-d8	10.522	136	967679	20.000	ng		-0.01
39) Acenaphthene-d10	14.381	164	565916	20.000	ng		-0.01
64) Phenanthrene-d10	17.145	188	1119608	20.000	ng		-0.01
76) Chrysene-d12	21.263	240	1064538	20.000	ng		-0.01
86) Perylene-d12	23.639	264	1223725	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.334	112	1744246	119.785	ng		-0.01
7) Phenol-d6	6.922	99	2170831	110.237	ng		-0.01
23) Nitrobenzene-d5	8.887	82	1370156	75.243	ng		-0.01
42) 2,4,6-Tribromophenol	15.886	330	845425	90.530	ng		0.00
45) 2-Fluorobiphenyl	12.998	172	2972963	72.827	ng		-0.01
79) Terphenyl-d14	19.727	244	4045461	68.209	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.258	88	267269	46.340	ng		97
3) Pyridine	3.652	79	727745	46.849	ng		99
4) n-Nitrosodimethylamine	3.564	42	313089	54.728	ng		96
6) Aniline	7.063	93	852883	38.001	ng		97
8) 2-Chlorophenol	7.299	128	825106	49.692	ng		99
9) Benzaldehyde	6.875	77	387703	41.401	ng		99
10) Phenol	6.952	94	1010947	51.171	ng		98
11) bis(2-Chloroethyl)ether	7.158	93	768840	49.173	ng		99
12) 1,3-Dichlorobenzene	7.616	146	901691	48.114	ng		99
13) 1,4-Dichlorobenzene	7.763	146	914492	47.727	ng		99
14) 1,2-Dichlorobenzene	8.081	146	876262	47.314	ng		98
15) Benzyl Alcohol	7.981	79	696699	44.374	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.263	45	882726	52.082	ng		97
17) 2-Methylphenol	8.193	107	653615	48.010	ng		99
18) Hexachloroethane	8.799	117	329876	49.124	ng		98
19) n-Nitroso-di-n-propyla...	8.540	70	577009	46.326	ng		99
20) 3+4-Methylphenols	8.522	107	874715	46.727	ng		98
22) Acetophenone	8.557	105	1145664	47.834	ng	#	98
24) Nitrobenzene	8.928	77	869896	50.569	ng		99
25) Isophorone	9.463	82	1594614	51.338	ng		99
26) 2-Nitrophenol	9.640	139	429234	47.871	ng		98
27) 2,4-Dimethylphenol	9.716	122	724161	57.235	ng		100
28) bis(2-Chloroethoxy)met...	9.940	93	972692	48.095	ng		99
29) 2,4-Dichlorophenol	10.187	162	729542	47.271	ng		99
30) 1,2,4-Trichlorobenzene	10.387	180	809677	45.283	ng		99
31) Naphthalene	10.569	128	2351996	47.186	ng		100
32) Benzoic acid	9.922	122	472443	47.760	ng		94
33) 4-Chloroaniline	10.698	127	359746	17.687	ng		98
34) Hexachlorobutadiene	10.857	225	520442	42.958	ng		100
35) Caprolactam	11.493	113	217076	41.677	ng		99
36) 4-Chloro-3-methylphenol	11.845	107	732717	44.183	ng		99
37) 2-Methylnaphthalene	12.193	142	1610599	46.052	ng		100
38) 1-Methylnaphthalene	12.410	142	1529193	44.884	ng		100
40) 1,2,4,5-Tetrachloroben...	12.569	216	885889	47.181	ng		98
41) Hexachlorocyclopentadiene	12.545	237	539508	67.283	ng		99
43) 2,4,6-Trichlorophenol	12.816	196	581527	46.726	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.904	196	619466	45.836	ng	98
46) 1,1'-Biphenyl	13.210	154	2042968	48.391	ng	99
47) 2-Chloronaphthalene	13.251	162	1597390	48.059	ng	100
48) 2-Nitroaniline	13.463	65	454267	50.180	ng	99
49) Acenaphthylene	14.098	152	2604722	50.764	ng	100
50) Dimethylphthalate	13.845	163	1929395	44.994	ng	100
51) 2,6-Dinitrotoluene	13.963	165	426668	47.489	ng	98
52) Acenaphthene	14.445	154	1463013	47.731	ng	99
53) 3-Nitroaniline	14.298	138	278040	29.299	ng	96
54) 2,4-Dinitrophenol	14.522	184	437241	78.414	ng	97
55) Dibenzofuran	14.781	168	2340969	45.462	ng	99
56) 4-Nitrophenol	14.645	139	636352	89.960	ng	99
57) 2,4-Dinitrotoluene	14.769	165	574156	46.476	ng	94
58) Fluorene	15.434	166	1851833	45.727	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.022	232	513431	41.905	ng	95
60) Diethylphthalate	15.216	149	1903439	44.351	ng	100
61) 4-Chlorophenyl-phenyle...	15.434	204	966469	43.322	ng	96
62) 4-Nitroaniline	15.469	138	431873	43.334	ng	96
63) Azobenzene	15.728	77	1797208	48.139	ng	99
65) 4,6-Dinitro-2-methylph...	15.539	198	298408	41.449	ng	98
66) n-Nitrosodiphenylamine	15.651	169	1619500	48.880	ng	98
67) 4-Bromophenyl-phenylether	16.328	248	608906	44.445	ng	97
68) Hexachlorobenzene	16.451	284	690210	43.774	ng	99
69) Atrazine	16.616	200	584947	50.215	ng	99
70) Pentachlorophenol	16.810	266	745262	88.420	ng	98
71) Phenanthrene	17.186	178	2837034	47.337	ng	100
72) Anthracene	17.281	178	2899195	48.995	ng	100
73) Carbazole	17.557	167	2637693	45.580	ng	100
74) Di-n-butylphthalate	18.116	149	3208818	47.318	ng	99
75) Fluoranthene	19.175	202	3297723	45.450	ng	98
77) Benzidine	19.357	184	1784331	68.383	ng	100
78) Pyrene	19.527	202	3370707	48.051	ng	99
80) Butylbenzylphthalate	20.410	149	1405499	47.139	ng	97
81) Benzo(a)anthracene	21.251	228	3330701	47.623	ng	100
82) 3,3'-Dichlorobenzidine	21.186	252	1155247	42.758	ng	99
83) Chrysene	21.304	228	3110815	46.972	ng	99
84) Bis(2-ethylhexyl)phtha...	21.180	149	2011246	48.395	ng	100
85) Di-n-octyl phthalate	22.092	149	3477224	48.542	ng	99
87) Indeno(1,2,3-cd)pyrene	26.121	276	4468144	48.127	ng	97
88) Benzo(b)fluoranthene	22.916	252	3552962	48.635	ng	99
89) Benzo(k)fluoranthene	22.963	252	3517663	49.180	ng	99
90) Benzo(a)pyrene	23.539	252	3557701	56.921	ng	98
91) Dibenzo(a,h)anthracene	26.133	278	3901932	50.428	ng	98
92) Benzo(g,h,i)perylene	26.880	276	3911786	51.390	ng	96

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

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