Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033122\
Data File : BP009633.D
Acq On : 31 Mar 2022 11:28
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Mar 31 14:17:00 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	7.740	152	320294	20.000	ng		0.00
21) Naphthalene-d8	10.540	136	1347767	20.000	ng		0.00
39) Acenaphthene-d10	14.398	164	908644	20.000	ng		0.00
64) Phenanthrene-d10	17.163	188	1959728	20.000	ng		0.00
76) Chrysene-d12	21.286	240	1843258	20.000	ng		0.01
86) Perylene-d12	23.668	264	1870612	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.346	112	1538425	83.860	ng		0.00
7) Phenol-d6	6.940	99	2187604	88.177	ng		0.00
23) Nitrobenzene-d5	8.905	82	2118000	83.510	ng		0.00
42) 2,4,6-Tribromophenol	15.904	330	1144666	76.341	ng		0.01
45) 2-Fluorobiphenyl	13.016	172	5089220	77.645	ng		0.00
79) Terphenyl-d14	19.745	244	8373203	81.535	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.264	88	240638	33.117	ng		96
3) Pyridine	3.664	79	803245	41.045	ng		98
4) n-Nitrosodimethylamine	3.575	42	271536	37.675	ng		94
6) Aniline	7.075	93	1268462	44.861	ng		97
8) 2-Chlorophenol	7.316	128	889267	42.510	ng		97
9) Benzaldehyde	6.887	77	529439	45.766	ng		96
10) Phenol	6.963	94	1100927	44.232	ng		99
11) bis(2-Chloroethyl)ether	7.175	93	873248	44.332	ng		97
12) 1,3-Dichlorobenzene	7.634	146	965814	40.907	ng		99
13) 1,4-Dichlorobenzene	7.775	146	982696	40.708	ng		100
14) 1,2-Dichlorobenzene	8.093	146	950964	40.757	ng		99
15) Benzyl Alcohol	7.993	79	805954	40.745	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.275	45	1006032	47.115	ng		97
17) 2-Methylphenol	8.205	107	758811	44.241	ng		99
18) Hexachloroethane	8.816	117	344000	40.662	ng		94
19) n-Nitroso-di-n-propyla...	8.557	70	721666	45.990	ng		96
20) 3+4-Methylphenols	8.534	107	1063733	45.104	ng		99
22) Acetophenone	8.569	105	1383832	41.484	ng	#	98
24) Nitrobenzene	8.946	77	1007842	42.066	ng		98
25) Isophorone	9.475	82	1915401	44.275	ng		99
26) 2-Nitrophenol	9.657	139	539137	43.171	ng		95
27) 2,4-Dimethylphenol	9.734	122	761021	43.186	ng		99
28) bis(2-Chloroethoxy)met...	9.957	93	1228867	43.626	ng		98
29) 2,4-Dichlorophenol	10.204	162	918887	42.749	ng		98
30) 1,2,4-Trichlorobenzene	10.404	180	991237	39.803	ng		99
31) Naphthalene	10.587	128	2822921	40.662	ng		100
32) Benzoic acid	9.952	122	645888	46.880	ng		92
33) 4-Chloroaniline	10.704	127	1218738	43.021	ng		98
34) Hexachlorobutadiene	10.875	225	641790	38.034	ng		98
35) Caprolactam	11.522	113	333648	45.993	ng		99
36) 4-Chloro-3-methylphenol	11.857	107	989815	42.854	ng		99
37) 2-Methylnaphthalene	12.204	142	2040050	41.882	ng		99
38) 1-Methylnaphthalene	12.428	142	1998498	42.116	ng		100
40) 1,2,4,5-Tetrachloroben...	12.587	216	1165786	38.669	ng		99
41) Hexachlorocyclopentadiene	12.557	237	465452	39.525	ng		100
43) 2,4,6-Trichlorophenol	12.834	196	817482	40.910	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	883442	40.712	ng	97
46) 1,1'-Biphenyl	13.228	154	2703524	39.884	ng	99
47) 2-Chloronaphthalene	13.269	162	2118827	39.702	ng	99
48) 2-Nitroaniline	13.481	65	647167	44.524	ng	97
49) Acenaphthylene	14.116	152	3347686	40.634	ng	100
50) Dimethylphthalate	13.863	163	2822817	40.999	ng	100
51) 2,6-Dinitrotoluene	13.981	165	604604	41.912	ng	99
52) Acenaphthene	14.463	154	2004415	40.729	ng	100
53) 3-Nitroaniline	14.310	138	652332	42.813	ng	97
54) 2,4-Dinitrophenol	14.540	184	316086	37.797	ng	99
55) Dibenzofuran	14.798	168	3301624	39.933	ng	100
56) 4-Nitrophenol	14.657	139	474308	41.761	ng	99
57) 2,4-Dinitrotoluene	14.781	165	834589	42.076	ng	97
58) Fluorene	15.451	166	2617085	40.248	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.040	232	786940	40.002	ng	94
60) Diethylphthalate	15.234	149	2833654	41.122	ng	99
61) 4-Chlorophenyl-phenyle...	15.445	204	1412028	39.421	ng	97
62) 4-Nitroaniline	15.487	138	687058	42.936	ng	98
63) Azobenzene	15.745	77	2595547	43.300	ng	97
65) 4,6-Dinitro-2-methylph...	15.557	198	533623	42.346	ng	96
66) n-Nitrosodiphenylamine	15.669	169	2355141	40.610	ng	99
67) 4-Bromophenyl-phenylether	16.345	248	940431	39.216	ng	96
68) Hexachlorobenzene	16.475	284	1059422	38.386	ng	96
69) Atrazine	16.634	200	860354	42.195	ng	99
70) Pentachlorophenol	16.828	266	585467	39.684	ng	98
71) Phenanthrene	17.204	178	4239656	40.414	ng	100
72) Anthracene	17.298	178	4233366	40.873	ng	99
73) Carbazole	17.575	167	4150820	40.978	ng	100
74) Di-n-butylphthalate	18.133	149	5043905	42.493	ng	99
75) Fluoranthene	19.192	202	5094840	40.116	ng	99
77) Benzidine	19.375	184	1720372	38.078	ng	99
78) Pyrene	19.545	202	5174585	42.602	ng	99
80) Butylbenzylphthalate	20.427	149	2314359	44.829	ng	95
81) Benzo(a)anthracene	21.269	228	4967529	41.020	ng	100
82) 3,3'-Dichlorobenzidine	21.198	252	1851633	39.579	ng	99
83) Chrysene	21.322	228	4698550	40.974	ng	99
84) Bis(2-ethylhexyl)phtha...	21.192	149	3182516	44.226	ng	100
85) Di-n-octyl phthalate	22.116	149	5620760	45.316	ng	98
87) Indeno(1,2,3-cd)pyrene	26.168	276	5018114	35.359	ng	96
88) Benzo(b)fluoranthene	22.945	252	4773040	42.742	ng	99
89) Benzo(k)fluoranthene	22.992	252	4627807	42.326	ng	98
90) Benzo(a)pyrene	23.563	252	3934540	41.181	ng	98
91) Dibenzo(a,h)anthracene	26.174	278	4195937	35.475	ng	98
92) Benzo(g,h,i)perylene	26.927	276	3972787	34.143	ng	96

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

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