Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
Data File : BP009531.D
Acq On : 24 Mar 2022 16:08
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Mar 25 06:34:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 06:34:38 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152	378383	20.000	ng		0.00
21) Naphthalene-d8	10.563	136	1471128	20.000	ng		0.00
39) Acenaphthene-d10	14.422	164	913746	20.000	ng		0.00
64) Phenanthrene-d10	17.187	188	1771377	20.000	ng		0.00
76) Chrysene-d12	21.298	240	1639935	20.000	ng		0.00
86) Perylene-d12	23.692	264	1738140	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	1750939	80.792	ng		0.00
7) Phenol-d6	6.964	99	2350985	80.215	ng		0.00
23) Nitrobenzene-d5	8.934	82	2210572	79.851	ng		0.00
42) 2,4,6-Tribromophenol	15.922	330	1008815	66.905	ng		0.00
45) 2-Fluorobiphenyl	13.040	172	5189867	78.738	ng		0.00
79) Terphenyl-d14	19.763	244	7211356	78.927	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	357084	41.599	ng		97
3) Pyridine	3.699	79	973119	42.091	ng		99
4) n-Nitrosodimethylamine	3.611	42	353853	41.559	ng		98
6) Aniline	7.105	93	1355503	40.579	ng		97
8) 2-Chlorophenol	7.346	128	976371	39.508	ng		98
9) Benzaldehyde	6.917	77	572517	41.002	ng		97
10) Phenol	6.987	94	1184171	40.273	ng		98
11) bis(2-Chloroethyl)ether	7.205	93	957662	41.154	ng		97
12) 1,3-Dichlorobenzene	7.664	146	1096317	39.306	ng		99
13) 1,4-Dichlorobenzene	7.811	146	1117666	39.192	ng		99
14) 1,2-Dichlorobenzene	8.122	146	1080048	39.183	ng		98
15) Benzyl Alcohol	8.022	79	760771	32.557	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.305	45	1130312	44.809	ng		98
17) 2-Methylphenol	8.228	107	802020	39.582	ng		99
18) Hexachloroethane	8.846	117	396605	39.683	ng		96
19) n-Nitroso-di-n-propyla...	8.587	70	751317	40.529	ng		98
20) 3+4-Methylphenols	8.563	107	1111764	39.904	ng		99
22) Acetophenone	8.599	105	1452687	39.896	ng	#	98
24) Nitrobenzene	8.975	77	1044542	39.942	ng		97
25) Isophorone	9.505	82	1936572	41.010	ng		99
26) 2-Nitrophenol	9.687	139	545191	39.995	ng		95
27) 2,4-Dimethylphenol	9.758	122	785059	40.814	ng		99
28) bis(2-Chloroethoxy)met...	9.987	93	1298337	42.227	ng		99
29) 2,4-Dichlorophenol	10.228	162	952386	40.592	ng		98
30) 1,2,4-Trichlorobenzene	10.434	180	1072261	39.446	ng		98
31) Naphthalene	10.616	128	3016332	39.805	ng		100
32) Benzoic acid	9.952	122	621849	41.351	ng		95
33) 4-Chloroaniline	10.734	127	1234955	39.938	ng		98
34) Hexachlorobutadiene	10.910	225	711239	38.616	ng		99
35) Caprolactam	11.534	113	290008	36.625	ng		93
36) 4-Chloro-3-methylphenol	11.875	107	957153	37.965	ng		100
37) 2-Methylnaphthalene	12.234	142	2097961	39.459	ng		99
38) 1-Methylnaphthalene	12.451	142	2048003	39.540	ng		99
40) 1,2,4,5-Tetrachloroben...	12.610	216	1203366	39.693	ng		99
41) Hexachlorocyclopentadiene	12.587	237	465101	39.321	ng		99
43) 2,4,6-Trichlorophenol	12.857	196	804953	40.058	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.934	196	854544	39.161	ng	98
46) 1,1'-Biphenyl	13.251	154	2729948	40.049	ng	99
47) 2-Chloronaphthalene	13.293	162	2128650	39.664	ng	99
48) 2-Nitroaniline	13.499	65	568165	38.871	ng	98
49) Acenaphthylene	14.140	152	3252728	39.261	ng	100
50) Dimethylphthalate	13.887	163	2630340	37.990	ng	100
51) 2,6-Dinitrotoluene	13.998	165	545319	37.591	ng	99
52) Acenaphthene	14.487	154	1923765	38.872	ng	99
53) 3-Nitroaniline	14.334	138	575209	37.540	ng	95
54) 2,4-Dinitrophenol	14.551	184	292582	35.151	ng	97
55) Dibenzofuran	14.822	168	3185584	38.315	ng	100
56) 4-Nitrophenol	14.669	139	417779	36.578	ng	99
57) 2,4-Dinitrotoluene	14.798	165	730334	36.614	ng	97
58) Fluorene	15.475	166	2439954	37.314	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.057	232	726466	36.722	ng	95
60) Diethylphthalate	15.251	149	2587273	37.337	ng	99
61) 4-Chlorophenyl-phenyle...	15.469	204	1351824	37.529	ng	97
62) 4-Nitroaniline	15.498	138	567346	35.257	ng	98
63) Azobenzene	15.763	77	2396771	39.760	ng	98
65) 4,6-Dinitro-2-methylph...	15.569	198	463311	40.676	ng	95
66) n-Nitrosodiphenylamine	15.687	169	2163414	41.271	ng	98
67) 4-Bromophenyl-phenylether	16.369	248	868112	40.050	ng	95
68) Hexachlorobenzene	16.492	284	955493	38.302	ng	97
69) Atrazine	16.651	200	746690	40.514	ng	98
70) Pentachlorophenol	16.845	266	538539	40.384	ng	99
71) Phenanthrene	17.228	178	3741529	39.458	ng	100
72) Anthracene	17.316	178	3721299	39.749	ng	99
73) Carbazole	17.592	167	3516905	38.412	ng	99
74) Di-n-butylphthalate	18.157	149	4375484	40.781	ng	99
75) Fluoranthene	19.210	202	4271970	37.213	ng	98
77) Benzidine	19.392	184	1048140	26.075	ng	99
78) Pyrene	19.563	202	4341311	40.173	ng	100
80) Butylbenzylphthalate	20.445	149	1929188	42.001	ng	96
81) Benzo(a)anthracene	21.286	228	4279045	39.715	ng	100
82) 3,3'-Dichlorobenzidine	21.216	252	1596400	38.354	ng	99
83) Chrysene	21.333	228	4030359	39.504	ng	99
84) Bis(2-ethylhexyl)phtha...	21.216	149	2826583	44.150	ng	100
85) Di-n-octyl phthalate	22.139	149	4903574	44.435	ng	98
87) Indeno(1,2,3-cd)pyrene	26.198	276	5093740	38.627	ng	96
88) Benzo(b)fluoranthene	22.963	252	4067714	39.202	ng	99
89) Benzo(k)fluoranthene	23.010	252	4209288	41.433	ng	99
90) Benzo(a)pyrene	23.586	252	3553014	40.022	ng	98
91) Dibenzo(a,h)anthracene	26.210	278	4248398	38.656	ng	97
92) Benzo(g,h,i)perylene	26.951	276	4158292	38.461	ng	96

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

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