Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103122\
Data File : BM037283.D
Acq On : 31 Oct 2022 10:18
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Nov 01 04:56:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 31 01:34:15 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.869	152	420294	20.000	ng		0.00
21) Naphthalene-d8	10.675	136	1651128	20.000	ng		0.00
39) Acenaphthene-d10	14.504	164	965950	20.000	ng		0.00
64) Phenanthrene-d10	17.245	188	1845186	20.000	ng		0.00
76) Chrysene-d12	21.421	240	1716710	20.000	ng		0.00
86) Perylene-d12	23.780	264	1669623	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	1879172	77.244	ng		0.00
7) Phenol-d6	7.045	99	2498174	75.661	ng		0.00
23) Nitrobenzene-d5	9.039	82	2490587	76.103	ng		0.00
42) 2,4,6-Tribromophenol	15.992	330	959133	84.257	ng		0.00
45) 2-Fluorobiphenyl	13.133	172	5745400	79.030	ng		0.00
79) Terphenyl-d14	19.862	244	7507448	78.423	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	374524	37.596	ng		98
3) Pyridine	3.728	79	1150053	38.750	ng		99
4) n-Nitrosodimethylamine	3.646	42	490152	37.786	ng		97
6) Aniline	7.204	93	1510761	37.428	ng		99
8) 2-Chlorophenol	7.434	128	1131112	38.201	ng		99
9) Benzaldehyde	7.016	77	629772	37.682	ng		99
10) Phenol	7.069	94	1371736	37.077	ng		99
11) bis(2-Chloroethyl)ether	7.298	93	1104332	37.230	ng		100
12) 1,3-Dichlorobenzene	7.757	146	1244151	38.453	ng		98
13) 1,4-Dichlorobenzene	7.904	146	1270500	38.068	ng		99
14) 1,2-Dichlorobenzene	8.222	146	1220342	38.072	ng		99
15) Benzyl Alcohol	8.122	79	892713	37.818	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.404	45	1548075	36.608	ng		99
17) 2-Methylphenol	8.322	107	916781	37.918	ng		99
18) Hexachloroethane	8.945	117	456294	38.767	ng		95
19) n-Nitroso-di-n-propyla...	8.686	70	854389	37.757	ng		98
20) 3+4-Methylphenols	8.651	107	1262575	38.018	ng		99
22) Acetophenone	8.704	105	1614274	37.615	ng	#	98
24) Nitrobenzene	9.081	77	1253931	37.793	ng		100
25) Isophorone	9.610	82	2133359	39.004	ng		99
26) 2-Nitrophenol	9.792	139	599606	40.368	ng		99
27) 2,4-Dimethylphenol	9.851	122	854454	38.762	ng		100
28) bis(2-Chloroethoxy)met...	10.092	93	1291581	37.953	ng		99
29) 2,4-Dichlorophenol	10.322	162	1012861	40.027	ng		99
30) 1,2,4-Trichlorobenzene	10.533	180	1136922	39.620	ng		100
31) Naphthalene	10.722	128	3591483	38.393	ng		100
32) Benzoic acid	10.010	122	714641	37.421	ng		98
33) 4-Chloroaniline	10.839	127	1438005	38.592	ng		99
34) Hexachlorobutadiene	10.998	225	659498	41.159	ng		99
35) Caprolactam	11.651	113	304794	39.621	ng		95
36) 4-Chloro-3-methylphenol	11.969	107	1016688	38.988	ng		99
37) 2-Methylnaphthalene	12.333	142	2474027	39.035	ng		99
38) 1-Methylnaphthalene	12.551	142	2408259	38.887	ng		100
40) 1,2,4,5-Tetrachloroben...	12.698	216	1169712	40.275	ng		99
41) Hexachlorocyclopentadiene	12.669	237	560713	40.521	ng		99
43) 2,4,6-Trichlorophenol	12.945	196	806822	40.354	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	882250	40.002	ng	99
46) 1,1'-Biphenyl	13.345	154	3033171	38.912	ng	99
47) 2-Chloronaphthalene	13.386	162	2425407	39.099	ng	99
48) 2-Nitroaniline	13.598	65	688306	38.397	ng	98
49) Acenaphthylene	14.227	152	3763462	39.083	ng	100
50) Dimethylphthalate	13.974	163	2895880	39.250	ng	100
51) 2,6-Dinitrotoluene	14.098	165	628882	40.250	ng	92
52) Acenaphthene	14.568	154	2297801	38.598	ng	99
53) 3-Nitroaniline	14.427	138	691095	39.592	ng	96
54) 2,4-Dinitrophenol	14.633	184	347677	37.518	ng	93
55) Dibenzofuran	14.904	168	3556387	38.786	ng	99
56) 4-Nitrophenol	14.733	139	516784	37.112	ng	99
57) 2,4-Dinitrotoluene	14.880	165	833872	40.558	ng	98
58) Fluorene	15.551	166	3024785	39.521	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.127	232	756401	40.918	ng	97
60) Diethylphthalate	15.327	149	2866305	39.971	ng	99
61) 4-Chlorophenyl-phenyle...	15.545	204	1430529	40.401	ng	99
62) 4-Nitroaniline	15.586	138	703133	40.165	ng	99
63) Azobenzene	15.839	77	2751661	38.951	ng	99
65) 4,6-Dinitro-2-methylph...	15.639	198	478325	38.291	ng	97
66) n-Nitrosodiphenylamine	15.762	169	2455036	39.363	ng	99
67) 4-Bromophenyl-phenylether	16.439	248	852376	41.165	ng	98
68) Hexachlorobenzene	16.545	284	1008904	40.261	ng	99
69) Atrazine	16.715	200	644822	41.090	ng	99
70) Pentachlorophenol	16.898	266	583917	40.045	ng	99
71) Phenanthrene	17.286	178	4373029	38.200	ng	99
72) Anthracene	17.380	178	4272380	39.422	ng	100
73) Carbazole	17.656	167	3859890	38.828	ng	100
74) Di-n-butylphthalate	18.215	149	4675882	42.597	ng	100
75) Fluoranthene	19.297	202	4780471	39.505	ng	100
77) Benzidine	19.492	184	1195293	46.694	ng	100
78) Pyrene	19.662	202	4963270	37.598	ng	100
80) Butylbenzylphthalate	20.556	149	1978409	41.965	ng	100
81) Benzo(a)anthracene	21.403	228	4737435	38.762	ng	100
82) 3,3'-Dichlorobenzidine	21.344	252	1464503	40.798	ng	98
83) Chrysene	21.456	228	4538416	38.543	ng	99
84) Bis(2-ethylhexyl)phtha...	21.327	149	2823651	44.626	ng	99
85) Di-n-octyl phthalate	22.238	149	4635761	46.520	ng	98
87) Indeno(1,2,3-cd)pyrene	26.226	276	5377737	39.338	ng	99
88) Benzo(b)fluoranthene	23.062	252	4498553	38.809	ng	99
89) Benzo(k)fluoranthene	23.109	252	4425212	37.427	ng	99
90) Benzo(a)pyrene	23.674	252	3672524	38.886	ng	99
91) Dibenzo(a,h)anthracene	26.238	278	4459077	39.279	ng	100
92) Benzo(g,h,i)perylene	26.973	276	4276092	38.702	ng	98

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

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