Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031622\
Data File : BM034265.D
Acq On : 16 Mar 2022 20:26
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Quant Time: Mar 17 04:56:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 16 02:38:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.948	152	164326	20.000	ng		0.00
21) Naphthalene-d8	10.760	136	710801	20.000	ng		0.00
39) Acenaphthene-d10	14.589	164	485850	20.000	ng		0.00
64) Phenanthrene-d10	17.324	188	1035002	20.000	ng		0.00
76) Chrysene-d12	21.501	240	1060279	20.000	ng		0.00
86) Perylene-d12	23.912	264	954103	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.496	112	685599	74.848	ng		0.00
7) Phenol-d6	7.107	99	1015407	77.424	ng		0.00
23) Nitrobenzene-d5	9.113	82	1132813	77.593	ng		0.00
42) 2,4,6-Tribromophenol	16.071	330	533401	81.452	ng		0.00
45) 2-Fluorobiphenyl	13.219	172	2705128	76.084	ng		0.00
79) Terphenyl-d14	19.942	244	4566954	74.844	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	154394	37.254	ng		99
3) Pyridine	3.761	79	423257	37.741	ng		98
4) n-Nitrosodimethylamine	3.666	42	207162	38.904	ng		95
6) Aniline	7.266	93	584045	38.969	ng		99
8) 2-Chlorophenol	7.507	128	414019	38.643	ng		98
9) Benzaldehyde	7.078	77	256097	36.245	ng		98
10) Phenol	7.131	94	504013	38.640	ng		97
11) bis(2-Chloroethyl)ether	7.366	93	412528	38.532	ng		100
12) 1,3-Dichlorobenzene	7.837	146	465693	38.320	ng		99
13) 1,4-Dichlorobenzene	7.984	146	473855	38.087	ng		100
14) 1,2-Dichlorobenzene	8.301	146	466126	38.432	ng		99
15) Benzyl Alcohol	8.184	79	419472	40.190	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.478	45	580675	39.522	ng		99
17) 2-Methylphenol	8.390	107	358510	39.244	ng		99
18) Hexachloroethane	9.037	117	182184	39.702	ng		99
19) n-Nitroso-di-n-propyla...	8.760	70	381966	40.264	ng		98
20) 3+4-Methylphenols	8.719	107	498816	39.481	ng		99
22) Acetophenone	8.772	105	693678	38.028	ng	#	98
24) Nitrobenzene	9.154	77	525626	38.562	ng		98
25) Isophorone	9.684	82	951867	38.962	ng		97
26) 2-Nitrophenol	9.866	139	238838	39.512	ng		98
27) 2,4-Dimethylphenol	9.931	122	366174	38.687	ng		98
28) bis(2-Chloroethoxy)met...	10.166	93	607294	38.827	ng		100
29) 2,4-Dichlorophenol	10.407	162	430264	39.125	ng		99
30) 1,2,4-Trichlorobenzene	10.625	180	478421	38.271	ng		99
31) Naphthalene	10.813	128	1413092	38.160	ng		99
32) Benzoic acid	10.072	122	293955	37.556	ng		96
33) 4-Chloroaniline	10.913	127	579867	39.696	ng		99
34) Hexachlorobutadiene	11.107	225	307327	38.815	ng		98
35) Caprolactam	11.701	113	154670	40.459	ng		97
36) 4-Chloro-3-methylphenol	12.042	107	510201	40.484	ng		99
37) 2-Methylnaphthalene	12.419	142	1040379	39.373	ng		99
38) 1-Methylnaphthalene	12.636	142	1018340	39.397	ng		98
40) 1,2,4,5-Tetrachloroben...	12.789	216	549628	37.487	ng		99
41) Hexachlorocyclopentadiene	12.772	237	330461	38.926	ng		99
43) 2,4,6-Trichlorophenol	13.025	196	393228	38.847	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.095	196	426396	39.244	ng	99
46) 1,1'-Biphenyl	13.425	154	1407576	37.996	ng	99
47) 2-Chloronaphthalene	13.466	162	1084170	38.128	ng	98
48) 2-Nitroaniline	13.666	65	356036	40.955	ng	100
49) Acenaphthylene	14.313	152	1717707	38.757	ng	100
50) Dimethylphthalate	14.048	163	1444621	39.067	ng	100
51) 2,6-Dinitrotoluene	14.160	165	304846	40.193	ng	99
52) Acenaphthene	14.654	154	1175503	39.377	ng	98
53) 3-Nitroaniline	14.483	138	315668	41.484	ng	99
54) 2,4-Dinitrophenol	14.689	184	171566	40.373	ng	100
55) Dibenzofuran	14.983	168	1732683	38.947	ng	100
56) 4-Nitrophenol	14.783	139	251333	40.742	ng	93
57) 2,4-Dinitrotoluene	14.942	165	425968	41.549	ng	97
58) Fluorene	15.630	166	1449189	40.125	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.207	232	395089	40.325	ng	99
60) Diethylphthalate	15.407	149	1531488	40.368	ng	100
61) 4-Chlorophenyl-phenyle...	15.624	204	729322	39.552	ng	98
62) 4-Nitroaniline	15.642	138	318523	43.513	ng	98
63) Azobenzene	15.919	77	1488101	40.677	ng	99
65) 4,6-Dinitro-2-methylph...	15.707	198	264133	39.247	ng	99
66) n-Nitrosodiphenylamine	15.836	169	1253908	38.133	ng	98
67) 4-Bromophenyl-phenylether	16.519	248	459682	38.635	ng	97
68) Hexachlorobenzene	16.636	284	511399	38.536	ng	97
69) Atrazine	16.783	200	441960	40.778	ng	99
70) Pentachlorophenol	16.977	266	339019	39.947	ng	98
71) Phenanthrene	17.371	178	2277975	39.301	ng	100
72) Anthracene	17.460	178	2207523	39.129	ng	100
73) Carbazole	17.724	167	2116733	40.231	ng	99
74) Di-n-butylphthalate	18.295	149	2665948	40.758	ng	99
75) Fluoranthene	19.377	202	2653517	40.838	ng	99
77) Benzidine	19.559	184	634831	40.857	ng	99
78) Pyrene	19.742	202	2771536	37.101	ng	99
80) Butylbenzylphthalate	20.636	149	1248480	39.518	ng	99
81) Benzo(a)anthracene	21.483	228	2606126	38.944	ng	99
82) 3,3'-Dichlorobenzidine	21.412	252	879823	39.363	ng	99
83) Chrysene	21.536	228	2612784	38.233	ng	100
84) Bis(2-ethylhexyl)phtha...	21.412	149	1871520	40.116	ng	99
85) Di-n-octyl phthalate	22.342	149	3058897	41.306	ng	100
87) Indeno(1,2,3-cd)pyrene	26.430	276	2230384	36.339	ng	99
88) Benzo(b)fluoranthene	23.177	252	2339531	41.006	ng	99
89) Benzo(k)fluoranthene	23.230	252	2491890	41.231	ng	99
90) Benzo(a)pyrene	23.806	252	1882053	38.912	ng	99
91) Dibenzo(a,h)anthracene	26.447	278	1846984	37.113	ng	98
92) Benzo(g,h,i)perylene	27.206	276	1827452	35.477	ng	100

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

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