Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102622\
Data File : BM037237.D
Acq On : 26 Oct 2022 14:10
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Oct 26 16:33:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 16:28:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	232993	20.000	ng	0.00
21) Naphthalene-d8	10.692	136	940047	20.000	ng	0.00
39) Acenaphthene-d10	14.522	164	594889	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	1247682	20.000	ng	0.00
76) Chrysene-d12	21.439	240	1317791	20.000	ng	0.00
86) Perylene-d12	23.803	264	1133856	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	938349	71.475	ng	0.00
7) Phenol-d6	7.057	99	1319110	71.531	ng	0.00
23) Nitrobenzene-d5	9.057	82	1424158	81.033	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	666767	142.909	ng	0.00
45) 2-Fluorobiphenyl	13.151	172	3559772	92.267	ng	0.00
79) Terphenyl-d14	19.886	244	5626674	85.071	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	188646	33.349	ng	100
3) Pyridine	3.746	79	578061	33.106	ng	100
4) n-Nitrosodimethylamine	3.658	42	236049	31.146	ng	100
6) Aniline	7.222	93	835453	35.681	ng	100
8) 2-Chlorophenol	7.451	128	629279	40.171	ng	100
9) Benzaldehyde	7.034	77	335802	28.430	ng	100
10) Phenol	7.087	94	736028	34.847	ng	100
11) bis(2-Chloroethyl)ether	7.316	93	594684	34.469	ng	100
12) 1,3-Dichlorobenzene	7.775	146	696357	40.574	ng	100
13) 1,4-Dichlorobenzene	7.922	146	716670	40.745	ng	100
14) 1,2-Dichlorobenzene	8.240	146	693078	41.136	ng	100
15) Benzyl Alcohol	8.134	79	512495	35.669	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.422	45	776479	30.814	ng	100
17) 2-Methylphenol	8.334	107	517376	37.515	ng	100
18) Hexachloroethane	8.963	117	251758	38.800	ng	100
19) n-Nitroso-di-n-propyla...	8.704	70	490922	35.046	ng	100
20) 3+4-Methylphenols	8.669	107	717507	37.847	ng	100
22) Acetophenone	8.722	105	928347	39.345	ng	100
24) Nitrobenzene	9.098	77	716295	38.539	ng	100
25) Isophorone	9.628	82	1236220	38.048	ng	100
26) 2-Nitrophenol	9.810	139	336905	54.112	ng	100
27) 2,4-Dimethylphenol	9.869	122	506109	42.097	ng	100
28) bis(2-Chloroethoxy)met...	10.110	93	725567	36.917	ng	100
29) 2,4-Dichlorophenol	10.339	162	620833	48.906	ng	100
30) 1,2,4-Trichlorobenzene	10.551	180	671460	49.123	ng	100
31) Naphthalene	10.739	128	2098258	41.316	ng	100
32) Benzoic acid	10.028	122	405957	44.239	ng	100
33) 4-Chloroaniline	10.863	127	847333	41.506	ng	100
34) Hexachlorobutadiene	11.016	225	423140	56.604	ng	100
35) Caprolactam	11.669	113	186258	42.518	ng	100
36) 4-Chloro-3-methylphenol	11.986	107	608420	40.768	ng	100
37) 2-Methylnaphthalene	12.351	142	1456116	42.683	ng	100
38) 1-Methylnaphthalene	12.569	142	1425457	42.694	ng	100
40) 1,2,4,5-Tetrachloroben...	12.716	216	765541	52.421	ng	100
41) Hexachlorocyclopentadiene	12.686	237	391201	54.687	ng	100
43) 2,4,6-Trichlorophenol	12.957	196	528144	52.750	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.033	196	578237	51.886	ng	100
46) 1,1'-Biphenyl	13.357	154	1832416	41.781	ng	100
47) 2-Chloronaphthalene	13.404	162	1454741	43.194	ng	100
48) 2-Nitroaniline	13.616	65	410561	38.296	ng	100
49) Acenaphthylene	14.245	152	2331777	42.752	ng	100
50) Dimethylphthalate	13.992	163	1864186	44.437	ng	100
51) 2,6-Dinitrotoluene	14.110	165	395830	47.223	ng	100
52) Acenaphthene	14.586	154	1418509	41.851	ng	100
53) 3-Nitroaniline	14.439	138	437054	43.431	ng	100
54) 2,4-Dinitrophenol	14.645	184	235782	56.050	ng	100
55) Dibenzofuran	14.922	168	2268870	44.213	ng	100
56) 4-Nitrophenol	14.745	139	351317	43.670	ng	100
57) 2,4-Dinitrotoluene	14.898	165	541307	49.692	ng	100
58) Fluorene	15.569	166	1900243	45.198	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.145	232	535378	58.086	ng	100
60) Diethylphthalate	15.345	149	1819486	41.817	ng	100
61) 4-Chlorophenyl-phenyle...	15.563	204	937305	51.014	ng	100
62) 4-Nitroaniline	15.604	138	455719	44.162	ng	100
63) Azobenzene	15.857	77	1671317	34.538	ng	100
65) 4,6-Dinitro-2-methylph...	15.657	198	329382	53.095	ng	100
66) n-Nitrosodiphenylamine	15.780	169	1565143	40.602	ng	100
67) 4-Bromophenyl-phenylether	16.457	248	570570	49.591	ng	100
68) Hexachlorobenzene	16.563	284	681626	53.499	ng	100
69) Atrazine	16.733	200	500205	47.103	ng	100
70) Pentachlorophenol	16.916	266	430522	55.058	ng	100
71) Phenanthrene	17.304	178	2932027	41.974	ng	100
72) Anthracene	17.398	178	2851131	42.805	ng	100
73) Carbazole	17.674	167	2619505	42.135	ng	100
74) Di-n-butylphthalate	18.227	149	3071397	39.452	ng	100
75) Fluoranthene	19.315	202	3468303	48.258	ng	100
77) Benzidine	19.509	184	904298	32.707	ng	100
78) Pyrene	19.680	202	3663948	36.921	ng	100
80) Butylbenzylphthalate	20.574	149	1363577	33.332	ng	100
81) Benzo(a)anthracene	21.427	228	3610927	42.187	ng	100
82) 3,3'-Dichlorobenzidine	21.362	252	1102548	47.453	ng	100
83) Chrysene	21.480	228	3453850	41.895	ng	100
84) Bis(2-ethylhexyl)phtha...	21.345	149	2006844	33.418	ng	100
85) Di-n-octyl phthalate	22.262	149	3214016	33.235	ng	100
87) Indeno(1,2,3-cd)pyrene	26.262	276	3130812	41.811	ng	100
88) Benzo(b)fluoranthene	23.086	252	3129206	43.550	ng	100
89) Benzo(k)fluoranthene	23.133	252	3247041	43.921	ng	100
90) Benzo(a)pyrene	23.703	252	2496431	43.201	ng	100
91) Dibenzo(a,h)anthracene	26.280	278	2659105	42.629	ng	100
92) Benzo(g,h,i)perylene	27.021	276	2415706	39.888	ng	100

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

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