Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122722\
Data File : BM038318.D
Acq On : 27 Dec 2022 16:20
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Dec 28 01:05:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 00:59:16 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	76046	20.000	ng	0.00
21) Naphthalene-d8	10.828	136	275283	20.000	ng	0.00
39) Acenaphthene-d10	14.645	164	169529	20.000	ng	0.00
64) Phenanthrene-d10	17.386	188	394044	20.000	ng	0.00
76) Chrysene-d12	21.562	240	414493	20.000	ng	0.00
86) Perylene-d12	23.997	264	449734	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	375993	93.370	ng	0.00
7) Phenol-d6	7.175	99	495151	85.462	ng	0.00
23) Nitrobenzene-d5	9.186	82	520199	98.200	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	216301	92.275	ng	0.00
45) 2-Fluorobiphenyl	13.274	172	1107195	90.767	ng	0.00
79) Terphenyl-d14	19.998	244	1826203	87.992	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	85924	51.630	ng	100
3) Pyridine	3.822	79	249968	48.736	ng	100
4) n-Nitrosodimethylamine	3.734	42	115603	49.335	ng	100
6) Aniline	7.340	93	317834	43.356	ng	100
8) 2-Chlorophenol	7.575	128	197728	36.410	ng	100
9) Benzaldehyde	7.151	77	175213	55.039	ng	100
10) Phenol	7.204	94	257084	38.957	ng	100
11) bis(2-Chloroethyl)ether	7.434	93	211549	39.595	ng	100
12) 1,3-Dichlorobenzene	7.898	146	213622	36.692	ng	100
13) 1,4-Dichlorobenzene	8.045	146	214086	35.579	ng	100
14) 1,2-Dichlorobenzene	8.369	146	210621	35.570	ng	100
15) Benzyl Alcohol	8.257	79	189136	42.270	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.539	45	296423	38.114	ng	100
17) 2-Methylphenol	8.463	107	179950	38.419	ng	100
18) Hexachloroethane	9.092	117	83559	37.070	ng	100
19) n-Nitroso-di-n-propyla...	8.828	70	180766	39.512	ng	100
20) 3+4-Methylphenols	8.792	107	244015	37.116	ng	100
22) Acetophenone	8.845	105	319976	44.945	ng	100
24) Nitrobenzene	9.228	77	266768	48.821	ng	100
25) Isophorone	9.757	82	465824	47.665	ng	100
26) 2-Nitrophenol	9.939	139	107371	42.127	ng	100
27) 2,4-Dimethylphenol	9.998	122	173726	47.449	ng	100
28) bis(2-Chloroethoxy)met...	10.233	93	271023	48.086	ng	100
29) 2,4-Dichlorophenol	10.475	162	192947	43.836	ng	100
30) 1,2,4-Trichlorobenzene	10.686	180	217760	45.536	ng	100
31) Naphthalene	10.880	128	599021	38.408	ng	100
32) Benzoic acid	10.128	122	133498	40.628	ng	100
33) 4-Chloroaniline	10.992	127	259530	41.198	ng	100
34) Hexachlorobutadiene	11.151	225	140342	50.377	ng	100
35) Caprolactam	11.786	113	57191	37.070	ng	100
36) 4-Chloro-3-methylphenol	12.110	107	204408	42.770	ng	100
37) 2-Methylnaphthalene	12.480	142	432158	39.374	ng	100
38) 1-Methylnaphthalene	12.698	142	407176	37.321	ng	100
40) 1,2,4,5-Tetrachloroben...	12.845	216	258644	52.509	ng	100
41) Hexachlorocyclopentadiene	12.816	237	145354	68.929	ng	100
43) 2,4,6-Trichlorophenol	13.086	196	169961	47.587	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.157	196	200337	50.660	ng	100
46) 1,1'-Biphenyl	13.480	154	547637	41.715	ng	100
47) 2-Chloronaphthalene	13.527	162	434306	41.137	ng	100
48) 2-Nitroaniline	13.739	65	153327	47.155	ng	100
49) Acenaphthylene	14.368	152	691761	40.908	ng	100
50) Dimethylphthalate	14.104	163	554546	40.869	ng	100
51) 2,6-Dinitrotoluene	14.227	165	118847	40.763	ng	100
52) Acenaphthene	14.710	154	414104	40.118	ng	100
53) 3-Nitroaniline	14.557	138	127584	40.801	ng	100
54) 2,4-Dinitrophenol	14.768	184	84358	49.601	ng	100
55) Dibenzofuran	15.039	168	688625	41.721	ng	100
56) 4-Nitrophenol	14.863	139	100916	40.237	ng	100
57) 2,4-Dinitrotoluene	15.016	165	166070	41.145	ng	100
58) Fluorene	15.692	166	571160	40.806	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.268	232	167403	46.405	ng	100
60) Diethylphthalate	15.457	149	554300	40.063	ng	100
61) 4-Chlorophenyl-phenyle...	15.680	204	300973	46.016	ng	100
62) 4-Nitroaniline	15.715	138	130361	45.016	ng	100
63) Azobenzene	15.974	77	584271	45.126	ng	100
65) 4,6-Dinitro-2-methylph...	15.774	198	113038	42.546	ng	100
66) n-Nitrosodiphenylamine	15.898	169	481719	38.107	ng	100
67) 4-Bromophenyl-phenylether	16.574	248	180880	41.012	ng	100
68) Hexachlorobenzene	16.686	284	196742	35.754	ng	100
69) Atrazine	16.845	200	167348	47.570	ng	100
70) Pentachlorophenol	17.033	266	148730	45.909	ng	100
71) Phenanthrene	17.427	178	893950	36.957	ng	100
72) Anthracene	17.521	178	920940	39.703	ng	100
73) Carbazole	17.792	167	818393	37.736	ng	100
74) Di-n-butylphthalate	18.339	149	919443	31.854	ng	100
75) Fluoranthene	19.439	202	1111557	38.552	ng	100
77) Benzidine	19.621	184	506717	87.386	ng	100
78) Pyrene	19.803	202	1182878	43.516	ng	100
80) Butylbenzylphthalate	20.686	149	431772	36.947	ng	100
81) Benzo(a)anthracene	21.544	228	1235580	42.525	ng	100
82) 3,3'-Dichlorobenzidine	21.474	252	411590	43.599	ng	100
83) Chrysene	21.597	228	1192620	42.516	ng	100
84) Bis(2-ethylhexyl)phtha...	21.450	149	604223	35.095	ng	100
85) Di-n-octyl phthalate	22.386	149	1058464	35.824	ng	100
87) Indeno(1,2,3-cd)pyrene	26.550	276	1369361	36.866	ng	100
88) Benzo(b)fluoranthene	23.256	252	1177920	39.061	ng	100
89) Benzo(k)fluoranthene	23.303	252	1174417	38.398	ng	100
90) Benzo(a)pyrene	23.891	252	1138032	45.289	ng	100
91) Dibenzo(a,h)anthracene	26.568	278	1129197	36.701	ng	100
92) Benzo(g,h,i)perylene	27.344	276	1134012	38.092	ng	100

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

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