Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061323\
Data File : BM040225.D
Acq On : 13 Jun 2023 15:03
Operator : MA/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM061323

Quant Time: Jun 13 22:37:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 13 22:36:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	421057	20.000	ng	0.00
21) Naphthalene-d8	10.792	136	1823836	20.000	ng	0.00
39) Acenaphthene-d10	14.621	164	1089865	20.000	ng	0.00
64) Phenanthrene-d10	17.362	188	2237763	20.000	ng	0.00
76) Chrysene-d12	21.545	240	2192858	20.000	ng	0.00
86) Perylene-d12	23.974	264	2400686	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2112626	77.793	ng	0.00
7) Phenol-d6	7.140	99	2907822	78.537	ng	0.00
23) Nitrobenzene-d5	9.151	82	2786505	80.002	ng	0.00
42) 2,4,6-Tribromophenol	16.110	330	1202455	79.090	ng	0.00
45) 2-Fluorobiphenyl	13.245	172	6268290	78.945	ng	0.00
79) Terphenyl-d14	19.980	244	9726849	86.189	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	410139	37.815	ng	100
3) Pyridine	3.799	79	1255821	40.488	ng	99
4) n-Nitrosodimethylamine	3.710	42	543005	39.049	ng	100
6) Aniline	7.304	93	1767151	38.887	ng	99
8) 2-Chlorophenol	7.540	128	1116360	38.630	ng	99
9) Benzaldehyde	7.116	77	775356	37.701	ng	99
10) Phenol	7.169	94	1414024	39.037	ng	100
11) bis(2-Chloroethyl)ether	7.398	93	1148043	38.220	ng	100
12) 1,3-Dichlorobenzene	7.869	146	1147944	38.475	ng	98
13) 1,4-Dichlorobenzene	8.016	146	1164507	38.551	ng	100
14) 1,2-Dichlorobenzene	8.334	146	1152241	39.012	ng	99
15) Benzyl Alcohol	8.222	79	1047141	39.434	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.516	45	1624187	39.175	ng	99
17) 2-Methylphenol	8.428	107	1063308	40.019	ng	100
18) Hexachloroethane	9.069	117	441233	39.594	ng	97
19) n-Nitroso-di-n-propyla...	8.798	70	994585	39.992	ng	99
20) 3+4-Methylphenols	8.757	107	1456431	40.072	ng	99
22) Acetophenone	8.810	105	1858016	39.137	ng	99
24) Nitrobenzene	9.192	77	1424018	39.835	ng	99
25) Isophorone	9.722	82	2709268	40.034	ng	100
26) 2-Nitrophenol	9.904	139	629993	41.238	ng	99
27) 2,4-Dimethylphenol	9.963	122	1130239	39.786	ng	99
28) bis(2-Chloroethoxy)met...	10.204	93	1658168	38.981	ng	99
29) 2,4-Dichlorophenol	10.439	162	1069638	39.744	ng	100
30) 1,2,4-Trichlorobenzene	10.657	180	1072063	39.089	ng	98
31) Naphthalene	10.845	128	3826577	39.052	ng	100
32) Benzoic acid	10.110	122	810940	37.601	ng	99
33) 4-Chloroaniline	10.957	127	1746846	39.856	ng	100
34) Hexachlorobutadiene	11.128	225	601599	39.019	ng	100
35) Caprolactam	11.751	113	388789	41.454	ng	99
36) 4-Chloro-3-methylphenol	12.075	107	1238171	39.662	ng	99
37) 2-Methylnaphthalene	12.451	142	2677027	38.535	ng	99
38) 1-Methylnaphthalene	12.669	142	2520948	38.422	ng	100
40) 1,2,4,5-Tetrachloroben...	12.816	216	1174136	38.744	ng	100
41) Hexachlorocyclopentadiene	12.798	237	666638	39.988	ng	98
43) 2,4,6-Trichlorophenol	13.057	196	837973	39.874	ng	99

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44) 2,4,5-Trichlorophenol	13.127	196	991728	39.614	ng	99
46) 1,1'-Biphenyl	13.457	154	3358729	39.044	ng	100
47) 2-Chloronaphthalene	13.498	162	2499026	39.228	ng	99
48) 2-Nitroaniline	13.704	65	873418	41.589	ng	98
49) Acenaphthylene	14.345	152	4208972	39.608	ng	100
50) Dimethylphthalate	14.080	163	3359166	38.734	ng	100
51) 2,6-Dinitrotoluene	14.198	165	711719	40.333	ng	98
52) Acenaphthene	14.686	154	2547742	39.298	ng	99
53) 3-Nitroaniline	14.527	138	862714	41.152	ng	98
54) 2,4-Dinitrophenol	14.727	184	387971	37.582	ng	99
55) Dibenzofuran	15.016	168	3982815	38.836	ng	99
56) 4-Nitrophenol	14.827	139	691089	42.175	ng	98
57) 2,4-Dinitrotoluene	14.980	165	971901	40.870	ng	98
58) Fluorene	15.668	166	3281090	39.295	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.239	232	808002	39.679	ng	99
60) Diethylphthalate	15.439	149	3497049	39.243	ng	100
61) 4-Chlorophenyl-phenyle...	15.657	204	1602531	39.023	ng	99
62) 4-Nitroaniline	15.692	138	900173	41.788	ng	100
63) Azobenzene	15.951	77	3570547	39.899	ng	100
65) 4,6-Dinitro-2-methylph...	15.745	198	538815	40.161	ng	100
66) n-Nitrosodiphenylamine	15.874	169	2797192	39.611	ng	100
67) 4-Bromophenyl-phenylether	16.551	248	916003	39.101	ng	98
68) Hexachlorobenzene	16.668	284	1001740	38.711	ng	98
69) Atrazine	16.821	200	848741	40.161	ng	99
70) Pentachlorophenol	17.010	266	757483	40.828	ng	99
71) Phenanthrene	17.404	178	4918363	39.498	ng	100
72) Anthracene	17.498	178	5040370	40.085	ng	100
73) Carbazole	17.768	167	4711914	39.828	ng	99
74) Di-n-butylphthalate	18.327	149	6064588	41.330	ng	100
75) Fluoranthene	19.415	202	5527589	40.051	ng	100
77) Benzidine	19.604	184	2054476	50.449	ng	99
78) Pyrene	19.780	202	5840441	38.827	ng	100
80) Butylbenzylphthalate	20.674	149	2773247	40.254	ng	97
81) Benzo(a)anthracene	21.527	228	5970016	39.961	ng	99
82) 3,3'-Dichlorobenzidine	21.456	252	2148527	41.992	ng	99
83) Chrysene	21.580	228	5583668	39.496	ng	99
84) Bis(2-ethylhexyl)phtha...	21.450	149	4246799	40.732	ng	99
85) Di-n-octyl phthalate	22.386	149	7278226	41.792	ng	100
87) Indeno(1,2,3-cd)pyrene	26.521	276	6512196	40.952	ng	100
88) Benzo(b)fluoranthene	23.239	252	5673757	39.484	ng	99
89) Benzo(k)fluoranthene	23.286	252	5650013	38.232	ng	99
90) Benzo(a)pyrene	23.874	252	5340129	39.175	ng	100
91) Dibenzo(a,h)anthracene	26.532	278	5553310	41.064	ng	99
92) Benzo(g,h,i)perylene	27.297	276	4988395	41.213	ng	99

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

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