Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
Data File : BM039254.D
Acq On : 31 Mar 2023 15:40
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Mar 31 17:42:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 17:03:41 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.916	152	285368	20.000	ng		0.00
21) Naphthalene-d8	10.728	136	1093630	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	602265	20.000	ng		0.00
64) Phenanthrene-d10	17.310	188	1162055	20.000	ng		0.00
76) Chrysene-d12	21.498	240	968211	20.000	ng		0.00
86) Perylene-d12	23.903	264	1041573	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	1513037	79.881	ng		0.00
7) Phenol-d6	7.087	99	1947610	79.498	ng		0.00
23) Nitrobenzene-d5	9.092	82	1831720	81.404	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	603235	78.904	ng		0.00
45) 2-Fluorobiphenyl	13.192	172	3641041	81.912	ng		0.00
79) Terphenyl-d14	19.933	244	4490071	85.680	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	307395	39.704	ng		99
3) Pyridine	3.752	79	879842	40.566	ng		99
4) n-Nitrosodimethylamine	3.663	42	345947	40.613	ng		98
6) Aniline	7.246	93	1215552	40.088	ng		99
8) 2-Chlorophenol	7.481	128	769561	39.696	ng		99
9) Benzaldehyde	7.057	77	542713	38.899	ng		99
10) Phenol	7.116	94	976823	39.787	ng		99
11) bis(2-Chloroethyl)ether	7.346	93	797880	40.397	ng		99
12) 1,3-Dichlorobenzene	7.804	146	814451	39.614	ng		99
13) 1,4-Dichlorobenzene	7.951	146	821905	39.536	ng		98
14) 1,2-Dichlorobenzene	8.269	146	791212	39.802	ng		99
15) Benzyl Alcohol	8.163	79	673110	39.946	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.457	45	1028813	40.724	ng		100
17) 2-Methylphenol	8.369	107	684200	39.832	ng		99
18) Hexachloroethane	8.998	117	319623	39.747	ng		98
19) n-Nitroso-di-n-propyla...	8.734	70	618527	39.495	ng		99
20) 3+4-Methylphenols	8.698	107	920758	39.891	ng		98
22) Acetophenone	8.751	105	1177853	40.281	ng	#	99
24) Nitrobenzene	9.134	77	906975	40.524	ng		99
25) Isophorone	9.663	82	1678744	39.991	ng		99
26) 2-Nitrophenol	9.845	139	424740	41.053	ng		96
27) 2,4-Dimethylphenol	9.904	122	696302	40.506	ng		99
28) bis(2-Chloroethoxy)met...	10.139	93	1029800	40.526	ng		100
29) 2,4-Dichlorophenol	10.381	162	678160	40.434	ng		100
30) 1,2,4-Trichlorobenzene	10.592	180	719550	40.101	ng		98
31) Naphthalene	10.781	128	2351551	39.905	ng		100
32) Benzoic acid	10.063	122	535145	39.942	ng		98
33) 4-Chloroaniline	10.892	127	1018834	39.464	ng		99
34) Hexachlorobutadiene	11.063	225	428870	40.648	ng		100
35) Caprolactam	11.698	113	213876	36.726	ng		99
36) 4-Chloro-3-methylphenol	12.022	107	719925	38.905	ng		99
37) 2-Methylnaphthalene	12.392	142	1626463	39.647	ng		100
38) 1-Methylnaphthalene	12.610	142	1510352	39.320	ng		99
40) 1,2,4,5-Tetrachloroben...	12.757	216	765558	41.750	ng		100
41) Hexachlorocyclopentadiene	12.733	237	429850	42.909	ng		99
43) 2,4,6-Trichlorophenol	12.998	196	522801	41.806	ng		100

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44) 2,4,5-Trichlorophenol	13.075	196	600270	40.945	ng	98
46) 1,1'-Biphenyl	13.398	154	1948610	40.972	ng	99
47) 2-Chloronaphthalene	13.445	162	1468200	40.771	ng	99
48) 2-Nitroaniline	13.651	65	489091	40.360	ng	100
49) Acenaphthylene	14.286	152	2370143	40.046	ng	99
50) Dimethylphthalate	14.027	163	1825067	39.321	ng	100
51) 2,6-Dinitrotoluene	14.151	165	397196	39.794	ng	100
52) Acenaphthene	14.633	154	1403571	40.162	ng	99
53) 3-Nitroaniline	14.480	138	448551	38.873	ng	99
54) 2,4-Dinitrophenol	14.686	184	235238	39.796	ng	99
55) Dibenzofuran	14.963	168	2219266	39.444	ng	100
56) 4-Nitrophenol	14.786	139	342607	38.504	ng	95
57) 2,4-Dinitrotoluene	14.933	165	529336	39.203	ng	94
58) Fluorene	15.616	166	1740492	39.066	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	460720	39.504	ng	100
60) Diethylphthalate	15.386	149	1817919	38.913	ng	100
61) 4-Chlorophenyl-phenyle...	15.610	204	877051	39.721	ng	99
62) 4-Nitroaniline	15.639	138	453796	38.324	ng	98
63) Azobenzene	15.898	77	1870844	39.970	ng	98
65) 4,6-Dinitro-2-methylph...	15.698	198	308342	40.333	ng	97
66) n-Nitrosodiphenylamine	15.821	169	1494503	40.813	ng	100
67) 4-Bromophenyl-phenylether	16.504	248	515503	41.539	ng	97
68) Hexachlorobenzene	16.616	284	547701	40.703	ng	98
69) Atrazine	16.774	200	460829	39.734	ng	99
70) Pentachlorophenol	16.963	266	408431	42.306	ng	98
71) Phenanthrene	17.357	178	2516819	39.545	ng	99
72) Anthracene	17.445	178	2593134	39.958	ng	99
73) Carbazole	17.721	167	2354734	38.831	ng	99
74) Di-n-butylphthalate	18.280	149	3061442	40.813	ng	100
75) Fluoranthene	19.368	202	2798253	38.570	ng	99
77) Benzidine	19.562	184	965119	37.792	ng	99
78) Pyrene	19.733	202	2886695	41.881	ng	99
80) Butylbenzylphthalate	20.627	149	1342423	42.513	ng	97
81) Benzo(a)anthracene	21.480	228	2753164	40.319	ng	99
82) 3,3'-Dichlorobenzidine	21.415	252	900427	39.584	ng	99
83) Chrysene	21.533	228	2637741	40.015	ng	99
84) Bis(2-ethylhexyl)phtha...	21.403	149	1981287	42.484	ng	100
85) Di-n-octyl phthalate	22.333	149	3420345	40.707	ng	100
87) Indeno(1,2,3-cd)pyrene	26.421	276	3033684	39.530	ng	100
88) Benzo(b)fluoranthene	23.174	252	2643854	41.484	ng	100
89) Benzo(k)fluoranthene	23.221	252	2641992	40.698	ng	99
90) Benzo(a)pyrene	23.803	252	2527977	40.378	ng	100
91) Dibenzo(a,h)anthracene	26.433	278	2563094	39.775	ng	100
92) Benzo(g,h,i)perylene	27.191	276	2476730	39.082	ng	99

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

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