Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040423\
Data File : BM039292.D
Acq On : 04 Apr 2023 10:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Apr 04 17:37:51 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	7.910	152	359264	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	1493591	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	882944	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	1783650	20.000	ng	0.00
76) Chrysene-d12	21.497	240	1429799	20.000	ng	0.00
86) Perylene-d12	23.903	264	1351925	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1911489	80.160	ng	0.00
7) Phenol-d6	7.087	99	2517018	81.608	ng	0.00
23) Nitrobenzene-d5	9.086	82	2513652	81.796	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	916534	81.774	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	5075241	77.882	ng	0.00
79) Terphenyl-d14	19.933	244	6634280	85.727	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	382937	39.288	ng	100
3) Pyridine	3.752	79	1134507	41.549	ng	99
4) n-Nitrosodimethylamine	3.663	42	444449	41.445	ng	99
6) Aniline	7.240	93	1601328	41.949	ng	100
8) 2-Chlorophenol	7.475	128	996084	40.812	ng	98
9) Benzaldehyde	7.051	77	689422	39.250	ng	98
10) Phenol	7.110	94	1273858	41.213	ng	100
11) bis(2-Chloroethyl)ether	7.340	93	1029037	41.384	ng	99
12) 1,3-Dichlorobenzene	7.798	146	1025654	39.626	ng	99
13) 1,4-Dichlorobenzene	7.951	146	1042100	39.817	ng	98
14) 1,2-Dichlorobenzene	8.269	146	1021243	40.807	ng	99
15) Benzyl Alcohol	8.163	79	912335	43.007	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.451	45	1381060	43.423	ng	100
17) 2-Methylphenol	8.363	107	926597	42.848	ng	99
18) Hexachloroethane	8.992	117	414022	40.896	ng	99
19) n-Nitroso-di-n-propyla...	8.734	70	867384	43.994	ng	99
20) 3+4-Methylphenols	8.698	107	1274154	43.848	ng	99
22) Acetophenone	8.745	105	1628894	40.789	ng	100
24) Nitrobenzene	9.128	77	1247149	40.801	ng	100
25) Isophorone	9.657	82	2392031	41.724	ng	100
26) 2-Nitrophenol	9.839	139	586876	41.535	ng	99
27) 2,4-Dimethylphenol	9.904	122	959193	40.857	ng	99
28) bis(2-Chloroethoxy)met...	10.139	93	1419884	40.914	ng	100
29) 2,4-Dichlorophenol	10.375	162	952083	41.565	ng	99
30) 1,2,4-Trichlorobenzene	10.586	180	972801	39.697	ng	99
31) Naphthalene	10.775	128	3220901	40.021	ng	100
32) Benzoic acid	10.081	122	785023	42.902	ng	99
33) 4-Chloroaniline	10.892	127	1457004	41.323	ng	99
34) Hexachlorobutadiene	11.057	225	572657	39.742	ng	99
35) Caprolactam	11.704	113	335965	42.242	ng	93
36) 4-Chloro-3-methylphenol	12.022	107	1044785	41.341	ng	98
37) 2-Methylnaphthalene	12.386	142	2224026	39.696	ng	100
38) 1-Methylnaphthalene	12.604	142	2072641	39.509	ng	100
40) 1,2,4,5-Tetrachloroben...	12.757	216	1064495	39.598	ng	100
41) Hexachlorocyclopentadiene	12.727	237	560038	38.134	ng	98
43) 2,4,6-Trichlorophenol	12.998	196	750009	40.909	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.074	196	876714	40.791	ng	98
46) 1,1'-Biphenyl	13.398	154	2764204	39.645	ng	99
47) 2-Chloronaphthalene	13.439	162	2096633	39.714	ng	99
48) 2-Nitroaniline	13.651	65	742941	41.819	ng	97
49) Acenaphthylene	14.286	152	3466814	39.955	ng	100
50) Dimethylphthalate	14.027	163	2715763	39.911	ng	100
51) 2,6-Dinitrotoluene	14.145	165	603398	41.236	ng	95
52) Acenaphthene	14.627	154	2050264	40.017	ng	100
53) 3-Nitroaniline	14.480	138	699839	41.371	ng	97
54) 2,4-Dinitrophenol	14.686	184	364457	42.057	ng	98
55) Dibenzofuran	14.963	168	3235697	39.227	ng	100
56) 4-Nitrophenol	14.792	139	539382	41.349	ng	99
57) 2,4-Dinitrotoluene	14.933	165	829398	41.900	ng	93
58) Fluorene	15.610	166	2590180	39.656	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.192	232	702616	41.093	ng	99
60) Diethylphthalate	15.386	149	2736356	39.953	ng	100
61) 4-Chlorophenyl-phenyle...	15.604	204	1279165	39.516	ng	99
62) 4-Nitroaniline	15.645	138	719900	41.470	ng	98
63) Azobenzene	15.898	77	2818703	41.078	ng	99
65) 4,6-Dinitro-2-methylph...	15.698	198	490441	41.796	ng	98
66) n-Nitrosodiphenylamine	15.821	169	2276429	40.502	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	767216	40.277	ng	100
68) Hexachlorobenzene	16.615	284	830553	40.213	ng	99
69) Atrazine	16.774	200	729975	41.006	ng	99
70) Pentachlorophenol	16.962	266	626564	42.283	ng	99
71) Phenanthrene	17.351	178	3864450	39.559	ng	99
72) Anthracene	17.445	178	4021992	40.378	ng	99
73) Carbazole	17.715	167	3691570	39.661	ng	100
74) Di-n-butylphthalate	18.274	149	4656645	40.444	ng	100
75) Fluoranthene	19.368	202	4237602	38.054	ng	99
77) Benzidine	19.556	184	1537805	40.777	ng	100
78) Pyrene	19.733	202	4471478	43.930	ng	100
80) Butylbenzylphthalate	20.627	149	2032928	43.596	ng	99
81) Benzo(a)anthracene	21.480	228	4097646	40.636	ng	100
82) 3,3'-Dichlorobenzidine	21.415	252	1316220	39.183	ng	99
83) Chrysene	21.533	228	3877742	39.835	ng	99
84) Bis(2-ethylhexyl)phtha...	21.397	149	2839475	41.229	ng	100
85) Di-n-octyl phthalate	22.327	149	4612563	37.174	ng	99
87) Indeno(1,2,3-cd)pyrene	26.415	276	3418170	34.316	ng	100
88) Benzo(b)fluoranthene	23.168	252	3564246	43.087	ng	99
89) Benzo(k)fluoranthene	23.221	252	3447491	40.915	ng	99
90) Benzo(a)pyrene	23.797	252	3290279	40.489	ng	99
91) Dibenzo(a,h)anthracene	26.427	278	2854557	34.129	ng	99
92) Benzo(g,h,i)perylene	27.185	276	2754497	33.487	ng	99

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

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