Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060923\
Data File : BM040209.D
Acq On : 10 Jun 2023 03:40
Operator : MA/JU
Sample : 03047-02MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB32BMSD

Quant Time: Jun 10 04:47:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 08 23:25:50 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.987	152	291116	20.000	ng		0.00
21) Naphthalene-d8	10.798	136	1370622	20.000	ng		0.00
39) Acenaphthene-d10	14.627	164	889016	20.000	ng		0.00
64) Phenanthrene-d10	17.368	188	2008197	20.000	ng	#	0.00
76) Chrysene-d12	21.545	240	2095682	20.000	ng		0.00
86) Perylene-d12	23.980	264	2203014	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	1651506	84.707	ng		0.00
7) Phenol-d6	7.145	99	2236982	84.085	ng		0.00
23) Nitrobenzene-d5	9.151	82	1192640	47.097	ng		0.00
42) 2,4,6-Tribromophenol	16.110	330	1190323	88.991	ng		0.00
45) 2-Fluorobiphenyl	13.251	172	3125386	46.466	ng		0.00
79) Terphenyl-d14	19.986	244	6072352	53.414	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	251014	32.421	ng		97
3) Pyridine	3.799	79	701731	31.600	ng		98
4) n-Nitrosodimethylamine	3.710	42	320185	35.563	ng		94
6) Aniline	7.310	93	1204916	37.422	ng		98
8) 2-Chlorophenol	7.545	128	974675	47.281	ng		97
9) Benzaldehyde	7.116	77	438891	30.980	ng		97
10) Phenol	7.175	94	1232362	47.100	ng		97
11) bis(2-Chloroethyl)ether	7.404	93	840659	39.868	ng		97
12) 1,3-Dichlorobenzene	7.875	146	916878	44.243	ng		97
13) 1,4-Dichlorobenzene	8.022	146	938368	44.315	ng		98
14) 1,2-Dichlorobenzene	8.339	146	923201	44.301	ng		99
15) Benzyl Alcohol	8.228	79	776786	44.243	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.522	45	1065972	39.655	ng		100
17) 2-Methylphenol	8.428	107	812912	43.604	ng		98
18) Hexachloroethane	9.075	117	325904	42.984	ng		92
19) n-Nitroso-di-n-propyla...	8.798	70	643696	39.824	ng		97
20) 3+4-Methylphenols	8.757	107	1128505	44.341	ng		98
22) Acetophenone	8.816	105	1398273	39.065	ng	#	97
24) Nitrobenzene	9.198	77	953649	36.588	ng		94
25) Isophorone	9.722	82	1841578	38.511	ng		96
26) 2-Nitrophenol	9.910	139	502934	46.437	ng		93
27) 2,4-Dimethylphenol	9.969	122	960262	45.316	ng		98
28) bis(2-Chloroethoxy)met...	10.210	93	1204672	39.023	ng		99
29) 2,4-Dichlorophenol	10.445	162	957530	49.266	ng		97
30) 1,2,4-Trichlorobenzene	10.663	180	889559	45.183	ng		99
31) Naphthalene	10.851	128	2921116	39.568	ng		100
32) Benzoic acid	10.104	122	726953	45.165	ng		93
33) 4-Chloroaniline	10.957	127	1029858	31.322	ng		97
34) Hexachlorobutadiene	11.133	225	461143	44.654	ng		99
35) Caprolactam	11.745	113	324097	48.557	ng		91
36) 4-Chloro-3-methylphenol	12.080	107	1023836	45.363	ng		93
37) 2-Methylnaphthalene	12.457	142	2085676	40.855	ng		99
38) 1-Methylnaphthalene	12.675	142	1980939	41.147	ng		99
40) 1,2,4,5-Tetrachloroben...	12.822	216	1011825	42.931	ng		98
41) Hexachlorocyclopentadiene	12.804	237	1033824	84.120	ng		98
43) 2,4,6-Trichlorophenol	13.063	196	754595	46.678	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.127	196	833917	42.735	ng		96
46) 1,1'-Biphenyl	13.463	154	2846069	39.925	ng		99
47) 2-Chloronaphthalene	13.504	162	2189222	41.340	ng		97
48) 2-Nitroaniline	13.710	65	621316	39.130	ng		87
49) Acenaphthylene	14.351	152	3554175	40.480	ng		100
50) Dimethylphthalate	14.086	163	2801271	40.399	ng		99
51) 2,6-Dinitrotoluene	14.204	165	603629	43.436	ng	#	85
52) Acenaphthene	14.692	154	2146388	39.635	ng		100
53) 3-Nitroaniline	14.533	138	618572	35.677	ng		88
54) 2,4-Dinitrophenol	14.733	184	667801	75.920	ng	#	84
55) Dibenzofuran	15.021	168	3465566	40.909	ng		97
56) 4-Nitrophenol	14.833	139	1338128	95.289	ng		91
57) 2,4-Dinitrotoluene	14.986	165	862173	46.488	ng	#	84
58) Fluorene	15.668	166	2945731	41.542	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.245	232	749809	49.142	ng		90
60) Diethylphthalate	15.445	149	2929777	41.644	ng		97
61) 4-Chlorophenyl-phenyle...	15.663	204	1423390	42.945	ng		97
62) 4-Nitroaniline	15.692	138	786427	42.579	ng		94
63) Azobenzene	15.957	77	2785359	40.720	ng		93
65) 4,6-Dinitro-2-methylph...	15.745	198	460926	40.920	ng		88
66) n-Nitrosodiphenylamine	15.880	169	2564566	38.990	ng		98
67) 4-Bromophenyl-phenylether	16.557	248	856220	42.452	ng		94
68) Hexachlorobenzene	16.674	284	1044428	45.151	ng	#	91
69) Atrazine	16.827	200	882215	49.077	ng		97
70) Pentachlorophenol	17.015	266	1443703	85.022	ng		99
71) Phenanthrene	17.410	178	4698946	40.158	ng		99
72) Anthracene	17.504	178	4750498	40.695	ng		99
73) Carbazole	17.774	167	4600964	41.322	ng		99
74) Di-n-butylphthalate	18.333	149	5374514	43.039	ng		99
75) Fluoranthene	19.421	202	5445942	43.859	ng		98
77) Benzidine	19.603	184	3253589	82.667	ng		100
78) Pyrene	19.786	202	5856781	41.911	ng		99
80) Butylbenzylphthalate	20.674	149	2512823	44.488	ng		91
81) Benzo(a)anthracene	21.527	228	6142638	42.983	ng		100
82) 3,3'-Dichlorobenzidine	21.462	252	2272827	47.854	ng		99
83) Chrysene	21.586	228	5586767	41.267	ng		100
84) Bis(2-ethylhexyl)phtha...	21.450	149	3755556	45.024	ng		96
85) Di-n-octyl phthalate	22.386	149	6673833	49.271	ng		96
87) Indeno(1,2,3-cd)pyrene	26.527	276	6531597	39.541	ng		97
88) Benzo(b)fluoranthene	23.239	252	6262185	46.935	ng		99
89) Benzo(k)fluoranthene	23.286	252	6203821	44.488	ng		98
90) Benzo(a)pyrene	23.874	252	5230265	41.048	ng		99
91) Dibenzo(a,h)anthracene	26.538	278	5596900	39.250	ng		98
92) Benzo(g,h,i)perylene	27.303	276	4756897	38.835	ng		97

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

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