Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041258.D
Acq On : 03 Aug 2023 12:16
Operator : MA/JU
Sample : 03810-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-P3BMSD

Quant Time: Aug 04 01:17:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 19:20:51 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.792	152	135184	20.000	ng		0.00
21) Naphthalene-d8	10.598	136	606972	20.000	ng		0.00
39) Acenaphthene-d10	14.463	164	397830	20.000	ng		0.00
64) Phenanthrene-d10	17.221	188	913430	20.000	ng		0.00
76) Chrysene-d12	21.433	240	748295	20.000	ng		0.00
86) Perylene-d12	23.803	264	744667	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	785922	86.891	ng		0.00
7) Phenol-d6	6.981	99	1102818	94.062	ng		0.00
23) Nitrobenzene-d5	8.969	82	682186	52.267	ng		0.00
42) 2,4,6-Tribromophenol	15.968	330	570158	101.324	ng		0.00
45) 2-Fluorobiphenyl	13.080	172	1596914	50.708	ng		0.00
79) Terphenyl-d14	19.856	244	2939598	71.027	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.252	88	130317	33.680	ng		95
3) Pyridine	3.657	79	370174	36.385	ng		97
4) n-Nitrosodimethylamine	3.581	42	194364	41.307	ng		89
6) Aniline	7.128	93	585827	42.696	ng		98
8) 2-Chlorophenol	7.357	128	508879	57.631	ng		99
9) Benzaldehyde	6.940	77	276532	44.699	ng		99
10) Phenol	7.004	94	664799	58.708	ng		99
11) bis(2-Chloroethyl)ether	7.228	93	475752	51.903	ng		97
12) 1,3-Dichlorobenzene	7.675	146	515412	53.623	ng		98
13) 1,4-Dichlorobenzene	7.828	146	530607	54.923	ng		99
14) 1,2-Dichlorobenzene	8.139	146	513846	55.472	ng		98
15) Benzyl Alcohol	8.051	79	481830	65.076	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.334	45	587348	48.092	ng		95
17) 2-Methylphenol	8.257	107	443847	57.372	ng		100
18) Hexachloroethane	8.863	117	173800	48.322	ng		89
19) n-Nitroso-di-n-propyla...	8.616	70	402632	56.539	ng		96
20) 3+4-Methylphenols	8.586	107	610068	58.978	ng		99
22) Acetophenone	8.634	105	776715	48.317	ng	#	98
24) Nitrobenzene	9.016	77	613618	46.489	ng		98
25) Isophorone	9.539	82	1125586	50.803	ng		99
26) 2-Nitrophenol	9.722	139	255484	49.514	ng		94
27) 2,4-Dimethylphenol	9.786	122	446133	49.136	ng		99
28) bis(2-Chloroethoxy)met...	10.022	93	660342	47.581	ng		100
29) 2,4-Dichlorophenol	10.257	162	526533	57.505	ng		99
30) 1,2,4-Trichlorobenzene	10.463	180	537387	53.121	ng		99
31) Naphthalene	10.651	128	1593842	48.390	ng		99
32) Benzoic acid	9.981	122	411132	58.458	ng		99
33) 4-Chloroaniline	10.780	127	357874	27.188	ng		98
34) Hexachlorobutadiene	10.916	225	317181	52.131	ng		99
35) Caprolactam	11.610	113	178685	67.460	ng		92
36) 4-Chloro-3-methylphenol	11.922	107	576385	59.808	ng		98
37) 2-Methylnaphthalene	12.269	142	1130634	50.916	ng		99
38) 1-Methylnaphthalene	12.492	142	1086529	52.278	ng		99
40) 1,2,4,5-Tetrachloroben...	12.639	216	630463	48.805	ng		99
41) Hexachlorocyclopentadiene	12.604	237	346632	50.720	ng		98
43) 2,4,6-Trichlorophenol	12.892	196	458153	55.335	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	507404	52.948	ng	97
46) 1,1'-Biphenyl	13.292	154	1520521	47.146	ng	99
47) 2-Chloronaphthalene	13.333	162	1210767	50.278	ng	99
48) 2-Nitroaniline	13.557	65	421937	54.891	ng	97
49) Acenaphthylene	14.186	152	1997699	51.396	ng	100
50) Dimethylphthalate	13.933	163	1498330	50.069	ng	99
51) 2,6-Dinitrotoluene	14.063	165	326318	52.627	ng	95
52) Acenaphthene	14.527	154	1148319	49.040	ng	100
53) 3-Nitroaniline	14.392	138	347339	48.387	ng	95
54) 2,4-Dinitrophenol	14.610	184	208440	51.984	ng	89
55) Dibenzofuran	14.863	168	1918190	50.209	ng	99
56) 4-Nitrophenol	14.721	139	597498	115.622	ng	96
57) 2,4-Dinitrotoluene	14.857	165	463061	52.056	ng	95
58) Fluorene	15.515	166	1557690	51.684	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.098	232	449314	57.900	ng	96
60) Diethylphthalate	15.298	149	1515135	52.355	ng	99
61) 4-Chlorophenyl-phenyle...	15.510	204	803062	53.173	ng	96
62) 4-Nitroaniline	15.568	138	372124	55.555	ng	98
63) Azobenzene	15.804	77	1581655	49.895	ng	98
65) 4,6-Dinitro-2-methylph...	15.621	198	144934	26.192	ng	91
66) n-Nitrosodiphenylamine	15.733	169	1327487	46.729	ng	99
67) 4-Bromophenyl-phenylether	16.410	248	504315	50.356	ng	98
68) Hexachlorobenzene	16.521	284	603991	54.236	ng	96
69) Atrazine	16.698	200	462035	61.931	ng	99
70) Pentachlorophenol	16.874	266	684446	88.758	ng	99
71) Phenanthrene	17.268	178	2510671	49.471	ng	100
72) Anthracene	17.357	178	2545126	50.706	ng	100
73) Carbazole	17.639	167	2321544	51.102	ng	100
74) Di-n-butylphthalate	18.192	149	2865396	55.816	ng	99
75) Fluoranthene	19.292	202	2970676	52.101	ng	99
77) Benzidine	19.492	184	1280374	125.537	ng	99
78) Pyrene	19.656	202	3014602	57.608	ng	100
80) Butylbenzylphthalate	20.562	149	1323968	69.282	ng	93
81) Benzo(a)anthracene	21.415	228	2734522	53.905	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	918132	55.466	ng	100
83) Chrysene	21.468	228	2449423	49.920	ng	100
84) Bis(2-ethylhexyl)phtha...	21.333	149	1931511	62.819	ng	96
85) Di-n-octyl phthalate	22.250	149	3144453	65.107	ng	96
87) Indeno(1,2,3-cd)pyrene	26.262	276	2629479	48.028	ng	96
88) Benzo(b)fluoranthene	23.086	252	2425497	54.829	ng	98
89) Benzo(k)fluoranthene	23.133	252	2397323	52.978	ng	99
90) Benzo(a)pyrene	23.697	252	2100392	49.414	ng	98
91) Dibenzo(a,h)anthracene	26.274	278	2212993	48.461	ng	98
92) Benzo(g,h,i)perylene	27.015	276	2068849	46.301	ng	97

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

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