Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110423\
Data File : BM042594.D
Acq On : 04 Nov 2023 16:41
Operator : MA/JU
Sample : 05234-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-BMSD

Quant Time: Nov 06 01:46:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 15:52:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.910	152	43456	20.000	ng		0.00
21) Naphthalene-d8	10.733	136	159974	20.000	ng		0.00
39) Acenaphthene-d10	14.568	164	96844	20.000	ng		0.00
64) Phenanthrene-d10	17.321	188	226848	20.000	ng		0.00
76) Chrysene-d12	21.503	240	229279	20.000	ng		0.00
86) Perylene-d12	23.921	264	258954	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	356255	132.307	ng		0.01
7) Phenol-d6	7.081	99	451568	122.282	ng		0.00
23) Nitrobenzene-d5	9.116	82	316455	92.215	ng		0.00
42) 2,4,6-Tribromophenol	16.068	330	209117	165.391	ng		0.00
45) 2-Fluorobiphenyl	13.186	172	642409	89.260	ng		0.00
79) Terphenyl-d14	19.933	244	1159160	85.724	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	50506	39.358	ng	#	94
3) Pyridine	3.728	79	132933	36.112	ng		96
4) n-Nitrosodimethylamine	3.657	42	103531	58.442	ng	#	79
6) Aniline	7.257	93	124079	26.433	ng		97
8) 2-Chlorophenol	7.469	128	148538	51.160	ng		99
9) Benzaldehyde	7.075	77	39019	18.333	ng		95
10) Phenol	7.110	94	189077	50.414	ng		91
11) bis(2-Chloroethyl)ether	7.351	93	145501	45.858	ng		99
12) 1,3-Dichlorobenzene	7.792	146	165991	52.899	ng		99
13) 1,4-Dichlorobenzene	7.951	146	169865	53.489	ng		99
14) 1,2-Dichlorobenzene	8.257	146	161322	52.615	ng		100
15) Benzyl Alcohol	8.181	79	146131	55.895	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.428	45	121847	24.132	ng		98
17) 2-Methylphenol	8.369	107	123407	46.470	ng		97
18) Hexachloroethane	8.975	117	64715	52.081	ng	#	89
19) n-Nitroso-di-n-propyla...	8.734	70	121921	46.671	ng		94
20) 3+4-Methylphenols	8.698	107	163751	46.121	ng		97
22) Acetophenone	8.769	105	223079	55.291	ng	#	97
24) Nitrobenzene	9.157	77	187902	55.591	ng		99
25) Isophorone	9.669	82	320695	52.798	ng		99
26) 2-Nitrophenol	9.857	139	77878	53.728	ng		95
27) 2,4-Dimethylphenol	9.904	122	114828	49.417	ng		93
28) bis(2-Chloroethoxy)met...	10.151	93	182603	49.900	ng		99
29) 2,4-Dichlorophenol	10.380	162	142211	61.853	ng		98
30) 1,2,4-Trichlorobenzene	10.586	180	158119	62.753	ng		98
31) Naphthalene	10.786	128	439781	53.209	ng		99
32) Benzoic acid	10.069	122	105805	55.300	ng		92
33) 4-Chloroaniline	10.928	127	78077	24.227	ng		98
34) Hexachlorobutadiene	11.004	225	108912	71.192	ng		99
35) Caprolactam	11.763	113	41157	50.948	ng		95
36) 4-Chloro-3-methylphenol	12.033	107	143339	54.780	ng		98
37) 2-Methylnaphthalene	12.392	142	293493	50.421	ng		96
38) 1-Methylnaphthalene	12.610	142	286866	52.358	ng		99
40) 1,2,4,5-Tetrachloroben...	12.739	216	182379	63.037	ng		99
41) Hexachlorocyclopentadiene	12.680	237	78828	48.082	ng		98
43) 2,4,6-Trichlorophenol	13.004	196	118511	63.953	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.080	196	128744	58.384	ng		95
46) 1,1'-Biphenyl	13.404	154	405422	54.765	ng		98
47) 2-Chloronaphthalene	13.451	162	309699	57.026	ng		99
48) 2-Nitroaniline	13.692	65	107507	48.982	ng		96
49) Acenaphthylene	14.298	152	504974	56.144	ng		100
50) Dimethylphthalate	14.033	163	384062	53.060	ng		99
51) 2,6-Dinitrotoluene	14.180	165	82436	55.261	ng		98
52) Acenaphthene	14.633	154	283598	51.954	ng		99
53) 3-Nitroaniline	14.521	138	64135	39.214	ng		98
54) 2,4-Dinitrophenol	14.733	184	32772	35.708	ng		96
55) Dibenzofuran	14.968	168	484351	54.574	ng		100
56) 4-Nitrophenol	14.827	139	141297	102.129	ng		92
57) 2,4-Dinitrotoluene	14.968	165	115073	50.664	ng		96
58) Fluorene	15.615	166	396097	55.160	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.186	232	113346	61.026	ng	#	96
60) Diethylphthalate	15.380	149	391192	53.346	ng		99
61) 4-Chlorophenyl-phenyle...	15.604	204	210739	58.090	ng		98
62) 4-Nitroaniline	15.686	138	73287	48.923	ng	#	80
63) Azobenzene	15.904	77	441814	54.675	ng		94
65) 4,6-Dinitro-2-methylph...	15.721	198	24869	20.815	ng		87
66) n-Nitrosodiphenylamine	15.833	169	335798	52.499	ng		98
67) 4-Bromophenyl-phenylether	16.504	248	134234	59.177	ng		97
68) Hexachlorobenzene	16.592	284	157435	62.737	ng		97
69) Atrazine	16.786	200	138468	74.920	ng		94
70) Pentachlorophenol	16.957	266	224114	121.479	ng		99
71) Phenanthrene	17.368	178	623777	52.618	ng		100
72) Anthracene	17.456	178	641582	54.639	ng		99
73) Carbazole	17.745	167	563542	58.995	ng		99
74) Di-n-butylphthalate	18.262	149	727817	54.256	ng		98
75) Fluoranthene	19.380	202	782271	56.175	ng		97
77) Benzidine	19.592	184	190603	86.665	ng	#	90
78) Pyrene	19.745	202	829327	52.676	ng		99
80) Butylbenzylphthalate	20.621	149	350808	52.171	ng		97
81) Benzo(a)anthracene	21.486	228	846705	58.041	ng		99
82) 3,3'-Dichlorobenzidine	21.433	252	159073	34.311	ng		99
83) Chrysene	21.544	228	778518	52.538	ng		100
84) Bis(2-ethylhexyl)phtha...	21.362	149	522467	51.411	ng		99
85) Di-n-octyl phthalate	22.291	149	912684	52.177	ng		98
87) Indeno(1,2,3-cd)pyrene	26.468	276	961203	62.366	ng	#	92
88) Benzo(b)fluoranthene	23.180	252	849053	58.852	ng	#	98
89) Benzo(k)fluoranthene	23.227	252	792693	49.309	ng	#	97
90) Benzo(a)pyrene	23.815	252	718051	50.554	ng	#	97
91) Dibenzo(a,h)anthracene	26.479	278	803429	55.737	ng	#	94
92) Benzo(g,h,i)perylene	27.256	276	768303	56.560	ng	#	95

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

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