Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030823\
Data File : BM038935.D
Acq On : 08 Mar 2023 17:41
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM030823

Quant Time: Mar 09 05:23:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 05:21:24 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	380700	20.000	ng	0.00
21) Naphthalene-d8	10.810	136	1430095	20.000	ng	0.00
39) Acenaphthene-d10	14.633	164	791474	20.000	ng	0.00
64) Phenanthrene-d10	17.374	188	1560098	20.000	ng	0.00
76) Chrysene-d12	21.556	240	1412005	20.000	ng	0.00
86) Perylene-d12	24.003	264	1502281	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	2014777	80.405	ng	0.00
7) Phenol-d6	7.151	99	2620222	80.504	ng	0.00
23) Nitrobenzene-d5	9.163	82	2445568	84.001	ng	0.00
42) 2,4,6-Tribromophenol	16.115	330	796890	87.034	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	5026396	82.673	ng	0.00
79) Terphenyl-d14	19.998	244	6528445	84.533	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	442751	39.717	ng	98
3) Pyridine	3.816	79	1257294	40.667	ng	99
4) n-Nitrosodimethylamine	3.728	42	482979	38.390	ng	96
6) Aniline	7.316	93	1746044	40.857	ng	99
8) 2-Chlorophenol	7.557	128	1081658	40.546	ng	98
9) Benzaldehyde	7.128	77	572327	36.953	ng	98
10) Phenol	7.175	94	1379075	39.900	ng	99
11) bis(2-Chloroethyl)ether	7.416	93	1121159	39.897	ng	98
12) 1,3-Dichlorobenzene	7.881	146	1131923	39.926	ng	98
13) 1,4-Dichlorobenzene	8.028	146	1154016	40.024	ng	99
14) 1,2-Dichlorobenzene	8.351	146	1113757	40.101	ng	99
15) Benzyl Alcohol	8.234	79	952934	40.848	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.534	45	1385838	39.049	ng	98
17) 2-Methylphenol	8.439	107	976291	41.119	ng	98
18) Hexachloroethane	9.081	117	427991	40.231	ng	99
19) n-Nitroso-di-n-propyla...	8.810	70	850219	41.473	ng	99
20) 3+4-Methylphenols	8.769	107	1299982	41.005	ng	99
22) Acetophenone	8.822	105	1651202	41.153	ng	98
24) Nitrobenzene	9.204	77	1270163	41.508	ng	99
25) Isophorone	9.734	82	2285750	42.664	ng	100
26) 2-Nitrophenol	9.916	139	543007	40.675	ng	98
27) 2,4-Dimethylphenol	9.975	122	989317	42.380	ng	99
28) bis(2-Chloroethoxy)met...	10.216	93	1421516	41.294	ng	100
29) 2,4-Dichlorophenol	10.451	162	955316	43.164	ng	99
30) 1,2,4-Trichlorobenzene	10.669	180	1001464	41.408	ng	99
31) Naphthalene	10.863	128	3364410	41.257	ng	100
32) Benzoic acid	10.104	122	707827	42.123	ng	98
33) 4-Chloroaniline	10.969	127	1482115	42.648	ng	99
34) Hexachlorobutadiene	11.145	225	574169	41.399	ng	98
35) Caprolactam	11.751	113	294532	43.725	ng	99
36) 4-Chloro-3-methylphenol	12.086	107	1015484	43.089	ng	100
37) 2-Methylnaphthalene	12.469	142	2281933	41.750	ng	99
38) 1-Methylnaphthalene	12.686	142	2149828	41.972	ng	99
40) 1,2,4,5-Tetrachloroben...	12.833	216	1064850	41.385	ng	99
41) Hexachlorocyclopentadiene	12.816	237	614838	43.533	ng	99
43) 2,4,6-Trichlorophenol	13.069	196	723688	43.434	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.133	196	843509	43.251	ng	99
46) 1,1'-Biphenyl	13.469	154	2761033	41.178	ng	99
47) 2-Chloronaphthalene	13.510	162	2101865	41.570	ng	99
48) 2-Nitroaniline	13.716	65	654451	40.777	ng	95
49) Acenaphthylene	14.357	152	3436793	42.673	ng	99
50) Dimethylphthalate	14.092	163	2598866	42.672	ng	100
51) 2,6-Dinitrotoluene	14.210	165	560421	41.803	ng	99
52) Acenaphthene	14.698	154	2078448	41.993	ng	99
53) 3-Nitroaniline	14.533	138	654783	41.798	ng	99
54) 2,4-Dinitrophenol	14.739	184	302896	41.778	ng	92
55) Dibenzofuran	15.033	168	3230546	41.710	ng	100
56) 4-Nitrophenol	14.833	139	528982	43.733	ng	98
57) 2,4-Dinitrotoluene	14.992	165	741750	42.112	ng	98
58) Fluorene	15.680	166	2573454	42.416	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.251	232	656701	43.661	ng	99
60) Diethylphthalate	15.451	149	2583060	43.589	ng	99
61) 4-Chlorophenyl-phenyle...	15.674	204	1266763	42.500	ng	99
62) 4-Nitroaniline	15.698	138	671394	42.115	ng	99
63) Azobenzene	15.968	77	2693364	42.954	ng	97
65) 4,6-Dinitro-2-methylph...	15.751	198	413089	41.108	ng	97
66) n-Nitrosodiphenylamine	15.886	169	2214557	42.107	ng	100
67) 4-Bromophenyl-phenylether	16.568	248	709890	42.128	ng	99
68) Hexachlorobenzene	16.680	284	785016	41.673	ng	99
69) Atrazine	16.839	200	654081	45.530	ng	99
70) Pentachlorophenol	17.021	266	598838	43.222	ng	99
71) Phenanthrene	17.421	178	3822781	41.750	ng	100
72) Anthracene	17.509	178	3898462	42.694	ng	100
73) Carbazole	17.780	167	3585001	43.018	ng	100
74) Di-n-butylphthalate	18.345	149	4251054	42.054	ng	99
75) Fluoranthene	19.433	202	4191528	43.356	ng	99
77) Benzidine	19.615	184	1370264	43.125	ng	99
78) Pyrene	19.792	202	4468858	42.138	ng	100
80) Butylbenzylphthalate	20.692	149	1855215	41.615	ng	99
81) Benzo(a)anthracene	21.539	228	4325983	42.543	ng	99
82) 3,3'-Dichlorobenzidine	21.474	252	1383854	44.281	ng	99
83) Chrysene	21.597	228	4151054	41.973	ng	100
84) Bis(2-ethylhexyl)phtha...	21.468	149	2744481	42.399	ng	99
85) Di-n-octyl phthalate	22.415	149	4518854	42.257	ng	99
87) Indeno(1,2,3-cd)pyrene	26.562	276	4886486	42.747	ng	100
88) Benzo(b)fluoranthene	23.256	252	4038220	42.075	ng	100
89) Benzo(k)fluoranthene	23.309	252	4318942	43.240	ng	100
90) Benzo(a)pyrene	23.897	252	4008943	43.401	ng	100
91) Dibenzo(a,h)anthracene	26.579	278	4121164	42.570	ng	99
92) Benzo(g,h,i)perylene	27.344	276	4041409	42.670	ng	99

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

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