Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060623\
Data File : BM040127.D
Acq On : 07 Jun 2023 06:28
Operator : MA/JU
Sample : 03008-02MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-18-0AMSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/07/2023
Supervised By :mohammad ahmed 06/08/2023

Quant Time: Jun 07 07:06:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 06 16:45:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	302072	20.000	ng	0.00
21) Naphthalene-d8	10.810	136	1423065	20.000	ng	0.00
39) Acenaphthene-d10	14.633	164	900523	20.000	ng	0.00
64) Phenanthrene-d10	17.374	188	1881897	20.000	ng	0.00
76) Chrysene-d12	21.550	240	2004204	20.000	ng	0.00
86) Perylene-d12	23.991	264	1927877	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	2819016	143.151	ng	0.00
7) Phenol-d6	7.151	99	3465571	134.907	ng	0.00
23) Nitrobenzene-d5	9.163	82	2312178	87.674	ng	0.00
42) 2,4,6-Tribromophenol	16.121	330	1989893	170.250	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	5724380	74.977	ng	0.00
79) Terphenyl-d14	19.992	244	10496637	81.320	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	293024	36.845	ng	# 53
3) Pyridine	3.822	79	763854	34.984	ng	98
4) n-Nitrosodimethylamine	3.722	42	389055	41.942	ng	94
6) Aniline	7.316	93	1154287	36.314	ng	99
8) 2-Chlorophenol	7.551	128	1048763	50.594	ng	98
9) Benzaldehyde	7.122	77	439169	35.365	ng	100
10) Phenol	7.181	94	1259422	48.910	ng	98
11) bis(2-Chloroethyl)ether	7.410	93	1013092	47.767	ng	100
12) 1,3-Dichlorobenzene	7.881	146	981265	44.702	ng	99
13) 1,4-Dichlorobenzene	8.028	146	1012648	45.341	ng	98
14) 1,2-Dichlorobenzene	8.345	146	989505	45.183	ng	99
15) Benzyl Alcohol	8.234	79	957145	57.802	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.528	45	1265694	46.522	ng	100
17) 2-Methylphenol	8.439	107	915462	49.692	ng	99
18) Hexachloroethane	9.081	117	365612	45.154	ng	94
19) n-Nitroso-di-n-propyla...	8.804	70	800401	53.795	ng	98
20) 3+4-Methylphenols	8.769	107	1251090	51.463	ng	98
22) Acetophenone	8.822	105	1703709	44.356	ng	98
24) Nitrobenzene	9.204	77	1170676	43.762	ng	99
25) Isophorone	9.733	82	2324891	48.340	ng	99
26) 2-Nitrophenol	9.916	139	524991	55.461	ng	97
27) 2,4-Dimethylphenol	9.975	122	1096375	50.852	ng	99
28) bis(2-Chloroethoxy)met...	10.216	93	1461942	46.364	ng	99
29) 2,4-Dichlorophenol	10.451	162	1005414	49.220	ng	99
30) 1,2,4-Trichlorobenzene	10.669	180	923367	41.290	ng	99
31) Naphthalene	10.857	128	3339170	42.527	ng	99
32) Benzoic acid	10.116	122	597219	42.224	ng	97
33) 4-Chloroaniline	10.969	127	355854	10.755	ng	98
34) Hexachlorobutadiene	11.145	225	456516	36.369	ng	97
35) Caprolactam	11.757	113	307796m	53.361	ng	
36) 4-Chloro-3-methylphenol	12.086	107	1148499	54.396	ng	99
37) 2-Methylnaphthalene	12.463	142	2341595	44.741	ng	98
38) 1-Methylnaphthalene	12.680	142	2223377	45.383	ng	98
40) 1,2,4,5-Tetrachloroben...	12.827	216	1067393	37.476	ng	99
41) Hexachlorocyclopentadiene	12.810	237	1030788	69.959	ng	100
43) 2,4,6-Trichlorophenol	13.069	196	758543	43.878	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.139	196	861092	41.848	ng	99
46) 1,1'-Biphenyl	13.468	154	3301955	42.828	ng	99
47) 2-Chloronaphthalene	13.510	162	2533503	44.023	ng	100
48) 2-Nitroaniline	13.716	65	781719	50.085	ng	96
49) Acenaphthylene	14.357	152	4168251	46.266	ng	99
50) Dimethylphthalate	14.092	163	3321098	48.923	ng	100
51) 2,6-Dinitrotoluene	14.210	165	687473	52.938	ng	95
52) Acenaphthene	14.698	154	2932428m	49.815	ng	
53) 3-Nitroaniline	14.533	138	367784	23.940	ng	95
54) 2,4-Dinitrophenol	14.739	184	645287	88.353	ng	99
55) Dibenzofuran	15.027	168	3998816	46.016	ng	99
56) 4-Nitrophenol	14.845	139	1360713	114.502	ng	92
57) 2,4-Dinitrotoluene	14.992	165	985311	52.329	ng	94
58) Fluorene	15.674	166	3448270	47.734	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.251	232	767231	50.138	ng	99
60) Diethylphthalate	15.451	149	3418460	50.946	ng	99
61) 4-Chlorophenyl-phenyle...	15.668	204	1619997	45.837	ng	97
62) 4-Nitroaniline	15.704	138	866064	54.131	ng	93
63) Azobenzene	15.962	77	3184616	47.604	ng	98
65) 4,6-Dinitro-2-methylph...	15.751	198	454783	44.523	ng	98
66) n-Nitrosodiphenylamine	15.886	169	2926311	45.217	ng	98
67) 4-Bromophenyl-phenylether	16.562	248	889066	42.756	ng	98
68) Hexachlorobenzene	16.680	284	1089478	45.848	ng	94
69) Atrazine	16.833	200	955280	59.343	ng	99
70) Pentachlorophenol	17.021	266	1453051	93.147	ng	98
71) Phenanthrene	17.415	178	5234772	46.504	ng	99
72) Anthracene	17.509	178	5348794	47.959	ng	100
73) Carbazole	17.780	167	5191828	51.526	ng	99
74) Di-n-butylphthalate	18.339	149	5810140	45.324	ng	100
75) Fluoranthene	19.427	202	5754604	51.293	ng	99
77) Benzidine	19.609	184	1528593	49.114	ng	99
78) Pyrene	19.792	202	6272172	42.649	ng	100
80) Butylbenzylphthalate	20.680	149	2679255	44.673	ng	93
81) Benzo(a)anthracene	21.533	228	6696012	47.195	ng	98
82) 3,3'-Dichlorobenzidine	21.468	252	1487665	35.101	ng	99
83) Chrysene	21.591	228	6038994	44.361	ng	99
84) Bis(2-ethylhexyl)phtha...	21.456	149	4037722	42.356	ng	98
85) Di-n-octyl phthalate	22.397	149	7067996	47.797	ng	97
87) Indeno(1,2,3-cd)pyrene	26.544	276	6880351	44.878	ng	97
88) Benzo(b)fluoranthene	23.244	252	6487731	52.562	ng	98
89) Benzo(k)fluoranthene	23.297	252	6459478	47.859	ng	98
90) Benzo(a)pyrene	23.885	252	5306604	44.830	ng	98
91) Dibenzo(a,h)anthracene	26.556	278	6010949	45.414	ng	97
92) Benzo(g,h,i)perylene	27.321	276	4800868	41.039	ng	98

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

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