Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060623\
Data File : BM040109.D
Acq On : 06 Jun 2023 18:21
Operator : MA/JU
Sample : 02986-05MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-14-0AMSD

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

Quant Time: Jun 07 02:12:09 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	7.998	152	263029	20.000	ng	0.00
21) Naphthalene-d8	10.810	136	1211811	20.000	ng	0.00
39) Acenaphthene-d10	14.633	164	734940	20.000	ng	0.00
64) Phenanthrene-d10	17.374	188	1546861	20.000	ng	0.00
76) Chrysene-d12	21.556	240	1587104	20.000	ng	0.00
86) Perylene-d12	23.991	264	1482595	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	1602228	93.439	ng	0.00
7) Phenol-d6	7.151	99	2003066	89.549	ng	0.00
23) Nitrobenzene-d5	9.163	82	1679858	74.801	ng	0.00
42) 2,4,6-Tribromophenol	16.121	330	1310925	137.429	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	4265847	68.461	ng	0.00
79) Terphenyl-d14	19.992	244	8096821	79.213	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.404	88	217554	31.416	ng	# 42
3) Pyridine	3.816	79	565097	29.722	ng	99
4) n-Nitrosodimethylamine	3.722	42	280758	34.759	ng	92
6) Aniline	7.316	93	995690	35.974	ng	98
8) 2-Chlorophenol	7.557	128	655214	36.301	ng	96
9) Benzaldehyde	7.128	77	360389	33.329	ng	99
10) Phenol	7.181	94	715545	31.913	ng	97
11) bis(2-Chloroethyl)ether	7.416	93	740820	40.114	ng	98
12) 1,3-Dichlorobenzene	7.887	146	738780	38.652	ng	98
13) 1,4-Dichlorobenzene	8.034	146	763275	39.248	ng	99
14) 1,2-Dichlorobenzene	8.351	146	742462	38.935	ng	99
15) Benzyl Alcohol	8.239	79	690438	47.885	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.534	45	925624	39.072	ng	98
17) 2-Methylphenol	8.439	107	621055	38.716	ng	98
18) Hexachloroethane	9.086	117	269217	38.184	ng	94
19) n-Nitroso-di-n-propyla...	8.810	70	581950	44.919	ng	97
20) 3+4-Methylphenols	8.769	107	828655	39.146	ng	99
22) Acetophenone	8.822	105	1253015	38.309	ng	99
24) Nitrobenzene	9.210	77	848300	37.239	ng	96
25) Isophorone	9.733	82	1691763	41.308	ng	99
26) 2-Nitrophenol	9.922	139	278839	34.592	ng	96
27) 2,4-Dimethylphenol	9.981	122	773731	42.143	ng	99
28) bis(2-Chloroethoxy)met...	10.216	93	1068589	39.797	ng	99
29) 2,4-Dichlorophenol	10.457	162	637927	36.674	ng	98
30) 1,2,4-Trichlorobenzene	10.675	180	671575	35.266	ng	99
31) Naphthalene	10.863	128	2486188	37.184	ng	100
32) Benzoic acid	10.086	122	251898	24.852	ng	96
33) 4-Chloroaniline	10.969	127	559137	19.845	ng	99
34) Hexachlorobutadiene	11.151	225	332910	31.146	ng	99
35) Caprolactam	11.751	113	229249	46.672	ng	86
36) 4-Chloro-3-methylphenol	12.092	107	762137	42.390	ng	100
37) 2-Methylnaphthalene	12.469	142	1763907	39.579	ng	99
38) 1-Methylnaphthalene	12.686	142	1672563	40.092	ng	99
40) 1,2,4,5-Tetrachloroben...	12.833	216	762202	32.790	ng	99
41) Hexachlorocyclopentadiene	12.816	237	876573	72.896	ng	99
43) 2,4,6-Trichlorophenol	13.069	196	501255	35.527	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.139	196	548761	32.677	ng	98
46) 1,1'-Biphenyl	13.474	154	2401840	38.172	ng	99
47) 2-Chloronaphthalene	13.516	162	1817933	38.706	ng	99
48) 2-Nitroaniline	13.716	65	548826	43.444	ng	99
49) Acenaphthylene	14.357	152	2970316	40.397	ng	99
50) Dimethylphthalate	14.092	163	2284037	41.226	ng	100
51) 2,6-Dinitrotoluene	14.210	165	472124	44.546	ng	98
52) Acenaphthene	14.698	154	2024064m	42.131	ng	
53) 3-Nitroaniline	14.539	138	394811	31.490	ng	98
54) 2,4-Dinitrophenol	14.739	184	315830	56.205	ng	98
55) Dibenzofuran	15.033	168	2851868	40.212	ng	99
56) 4-Nitrophenol	14.839	139	676683	69.771	ng	94
57) 2,4-Dinitrotoluene	14.992	165	666755	44.029	ng	98
58) Fluorene	15.680	166	2452475	41.599	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.257	232	485176	38.849	ng	96
60) Diethylphthalate	15.451	149	2380309	43.467	ng	99
61) 4-Chlorophenyl-phenyle...	15.674	204	1118578	38.780	ng	97
62) 4-Nitroaniline	15.704	138	650302	49.803	ng	95
63) Azobenzene	15.962	77	2323234	42.552	ng	99
65) 4,6-Dinitro-2-methylph...	15.757	198	242434	31.631	ng	93
66) n-Nitrosodiphenylamine	15.886	169	2066908	38.855	ng	100
67) 4-Bromophenyl-phenylether	16.568	248	622691	36.432	ng	98
68) Hexachlorobenzene	16.680	284	757661	38.790	ng	100
69) Atrazine	16.839	200	672992	50.862	ng	100
70) Pentachlorophenol	17.027	266	913922	71.276	ng	99
71) Phenanthrene	17.421	178	3720653	40.212	ng	100
72) Anthracene	17.509	178	3833810	41.821	ng	100
73) Carbazole	17.780	167	3751509	45.296	ng	100
74) Di-n-butylphthalate	18.345	149	4166557	40.009	ng	100
75) Fluoranthene	19.433	202	3987089	43.236	ng	100
77) Benzidine	19.615	184	1880372	76.295	ng	99
78) Pyrene	19.792	202	4337526	37.245	ng	99
80) Butylbenzylphthalate	20.686	149	1879777	40.131	ng	92
81) Benzo(a)anthracene	21.539	228	4535008	40.364	ng	100
82) 3,3'-Dichlorobenzidine	21.468	252	1210359	36.063	ng	99
83) Chrysene	21.592	228	4204241	39.000	ng	99
84) Bis(2-ethylhexyl)phtha...	21.462	149	2840722	38.032	ng	98
85) Di-n-octyl phthalate	22.397	149	4809326	42.000	ng	97
87) Indeno(1,2,3-cd)pyrene	26.544	276	4055462	34.397	ng	100
88) Benzo(b)fluoranthene	23.250	252	4129037	43.499	ng	99
89) Benzo(k)fluoranthene	23.297	252	4287633	41.309	ng	99
90) Benzo(a)pyrene	23.885	252	3408254	37.441	ng	99
91) Dibenzo(a,h)anthracene	26.556	278	3520437	34.586	ng	99
92) Benzo(g,h,i)perylene	27.321	276	2938715	32.666	ng	99

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

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