Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102323\
Data File : BM042403.D
Acq On : 23 Oct 2023 15:43
Operator : MA/JU
Sample : 04844-05MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023

Quant Time: Oct 23 16:37:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 21 02:32:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.999	152	137400	20.000	ng		0.00
21) Naphthalene-d8	10.816	136	540357	20.000	ng		0.00
39) Acenaphthene-d10	14.639	164	274773	20.000	ng		0.00
64) Phenanthrene-d10	17.392	188	533368	20.000	ng		0.00
76) Chrysene-d12	21.574	240	507048	20.000	ng		0.00
86) Perylene-d12	24.039	264	603315	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	920671	94.701	ng		0.00
7) Phenol-d6	7.146	99	1185928	91.026	ng		0.00
23) Nitrobenzene-d5	9.193	82	733108	59.993	ng		0.00
42) 2,4,6-Tribromophenol	16.133	330	257573	88.089	ng		0.00
45) 2-Fluorobiphenyl	13.263	172	1246288	61.078	ng		0.00
79) Terphenyl-d14	20.004	244	1707973	59.739	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	208787	45.608	ng		98
3) Pyridine	3.811	79	526257	39.182	ng		97
4) n-Nitrosodimethylamine	3.734	42	314008	46.305	ng		94
6) Aniline	7.334	93	446633	26.925	ng		98
8) 2-Chlorophenol	7.552	128	523671	54.285	ng		96
9) Benzaldehyde	7.152	77	191749	25.269	ng		99
10) Phenol	7.175	94	704492	52.331	ng		100
11) bis(2-Chloroethyl)ether	7.434	93	555137	50.226	ng		96
12) 1,3-Dichlorobenzene	7.875	146	544072	54.528	ng		99
13) 1,4-Dichlorobenzene	8.034	146	552754	55.034	ng		99
14) 1,2-Dichlorobenzene	8.346	146	526937	54.637	ng		99
15) Benzyl Alcohol	8.252	79	489095	50.642	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.528	45	848390m	48.511	ng		
17) 2-Methylphenol	8.434	107	438816	49.396	ng		98
18) Hexachloroethane	9.063	117	213193	55.137	ng		94
19) n-Nitroso-di-n-propyla...	8.816	70	434375	49.191	ng		97
20) 3+4-Methylphenols	8.769	107	588970	49.429	ng		97
22) Acetophenone	8.846	105	781217	52.993	ng	#	98
24) Nitrobenzene	9.240	77	631876	51.686	ng		97
25) Isophorone	9.746	82	1103353	53.131	ng		99
26) 2-Nitrophenol	9.940	139	257256	54.298	ng		97
27) 2,4-Dimethylphenol	9.975	122	418940	49.734	ng		97
28) bis(2-Chloroethoxy)met...	10.234	93	682951	51.907	ng		100
29) 2,4-Dichlorophenol	10.457	162	436601	59.601	ng		98
30) 1,2,4-Trichlorobenzene	10.669	180	452823	57.662	ng		98
31) Naphthalene	10.869	128	1485249	53.513	ng		99
32) Benzoic acid	10.110	122	339886	54.372	ng		97
33) 4-Chloroaniline	11.004	127	192255	15.954	ng		98
34) Hexachlorobutadiene	11.098	225	253013	59.539	ng		99
35) Caprolactam	11.828	113	144753	49.561	ng		96
36) 4-Chloro-3-methylphenol	12.098	107	491238	55.570	ng		99
37) 2-Methylnaphthalene	12.469	142	948627	50.773	ng		99
38) 1-Methylnaphthalene	12.692	142	924647	52.827	ng		100
40) 1,2,4,5-Tetrachloroben...	12.822	216	471139	59.311	ng		99
41) Hexachlorocyclopentadiene	12.769	237	419946	96.501	ng		98
43) 2,4,6-Trichlorophenol	13.075	196	314290	61.119	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.139	196	344216	56.626	ng	98
46) 1,1'-Biphenyl	13.481	154	1220264	55.981	ng	98
47) 2-Chloronaphthalene	13.528	162	919312	57.485	ng	99
48) 2-Nitroaniline	13.757	65	340788	48.215	ng	97
49) Acenaphthylene	14.369	152	1497855	58.016	ng	100
50) Dimethylphthalate	14.104	163	1067726	52.977	ng	99
51) 2,6-Dinitrotoluene	14.251	165	234033	51.221	ng	90
52) Acenaphthene	14.704	154	855675	54.819	ng	99
53) 3-Nitroaniline	14.586	138	174677	33.434	ng	98
54) 2,4-Dinitrophenol	14.786	184	280403	97.484	ng	99
55) Dibenzofuran	15.039	168	1344558	54.462	ng	98
56) 4-Nitrophenol	14.875	139	473750	115.412	ng	96
57) 2,4-Dinitrotoluene	15.028	165	310326	50.733	ng	93
58) Fluorene	15.686	166	1078050	55.337	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.257	232	274950	60.209	ng	95
60) Diethylphthalate	15.451	149	1070222	53.809	ng	99
61) 4-Chlorophenyl-phenyle...	15.680	204	515814	56.222	ng	94
62) 4-Nitroaniline	15.751	138	239770	46.441	ng	98
63) Azobenzene	15.975	77	1255931	52.632	ng	96
65) 4,6-Dinitro-2-methylph...	15.780	198	166354	48.723	ng	86
66) n-Nitrosodiphenylamine	15.904	169	902891	56.203	ng	99
67) 4-Bromophenyl-phenylether	16.575	248	259836	52.563	ng	97
68) Hexachlorobenzene	16.657	284	320896	60.730	ng	98
69) Atrazine	16.851	200	299685	73.562	ng	100
70) Pentachlorophenol	17.022	266	470494	104.665	ng	99
71) Phenanthrene	17.433	178	1641117	56.560	ng	100
72) Anthracene	17.527	178	1620261	56.384	ng	99
73) Carbazole	17.816	167	1518789	56.339	ng	99
74) Di-n-butylphthalate	18.333	149	1895591	55.087	ng	100
75) Fluoranthene	19.445	202	1867227	58.431	ng	99
77) Benzidine	19.657	184	832154	113.464	ng	100
78) Pyrene	19.816	202	1943697	54.857	ng	100
80) Butylbenzylphthalate	20.692	149	885883	54.671	ng	94
81) Benzo(a)anthracene	21.557	228	1918767	56.449	ng	100
82) 3,3'-Dichlorobenzidine	21.498	252	525626	51.800	ng	99
83) Chrysene	21.615	228	1749400	53.584	ng	100
84) Bis(2-ethylhexyl)phtha...	21.439	149	1263460	54.820	ng	97
85) Di-n-octyl phthalate	22.380	149	2280613	57.078	ng	97
87) Indeno(1,2,3-cd)pyrene	26.633	276	2487475	56.418	ng	96
88) Benzo(b)fluoranthene	23.280	252	2071684	57.047	ng	98
89) Benzo(k)fluoranthene	23.327	252	1913934	50.763	ng	98
90) Benzo(a)pyrene	23.927	252	1807119	51.701	ng	99
91) Dibenzo(a,h)anthracene	26.650	278	2057751	56.134	ng	98
92) Benzo(g,h,i)perylene	27.439	276	1980191	55.623	ng	95

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

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