Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080823\
Data File : BM041337.D
Acq On : 08 Aug 2023 20:28
Operator : MA/JU
Sample : 03919-04MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-36MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

Quant Time: Aug 09 01:19:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 17:25:06 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.781	152	108419	20.000	ng		0.00
21) Naphthalene-d8	10.586	136	408359	20.000	ng		0.00
39) Acenaphthene-d10	14.445	164	218967	20.000	ng		0.00
64) Phenanthrene-d10	17.210	188	420989	20.000	ng		0.00
76) Chrysene-d12	21.415	240	378488	20.000	ng		0.00
86) Perylene-d12	23.780	264	461747	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	720271	99.291	ng		0.00
7) Phenol-d6	6.963	99	891699	94.831	ng		0.00
23) Nitrobenzene-d5	8.957	82	589854	67.173	ng		0.00
42) 2,4,6-Tribromophenol	15.951	330	316964	102.340	ng		0.00
45) 2-Fluorobiphenyl	13.063	172	1154016	66.577	ng		0.00
79) Terphenyl-d14	19.845	244	1402779	67.011	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.258	88	130538	42.065	ng		96
3) Pyridine	3.658	79	319311	39.134	ng		97
4) n-Nitrosodimethylamine	3.575	42	169356	44.878	ng		97
6) Aniline	7.116	93	304733	27.692	ng		100
8) 2-Chlorophenol	7.346	128	354463	50.053	ng		99
9) Benzaldehyde	6.928	77	190126m	38.319	ng		
10) Phenol	6.993	94	442116	48.681	ng		96
11) bis(2-Chloroethyl)ether	7.216	93	355090	48.302	ng		99
12) 1,3-Dichlorobenzene	7.663	146	408852	53.038	ng		99
13) 1,4-Dichlorobenzene	7.816	146	414991	53.560	ng		99
14) 1,2-Dichlorobenzene	8.128	146	395397	53.223	ng		99
15) Benzyl Alcohol	8.040	79	325921	54.886	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.322	45	444539	45.385	ng		95
17) 2-Methylphenol	8.240	107	289936	46.729	ng		98
18) Hexachloroethane	8.845	117	159464	55.282	ng		96
19) n-Nitroso-di-n-propyla...	8.598	70	281818	49.343	ng		98
20) 3+4-Methylphenols	8.569	107	387058	46.656	ng		99
22) Acetophenone	8.616	105	533084	49.291	ng	#	99
24) Nitrobenzene	8.998	77	423789	47.723	ng		98
25) Isophorone	9.522	82	731498	49.074	ng		100
26) 2-Nitrophenol	9.710	139	190550	54.891	ng		95
27) 2,4-Dimethylphenol	9.775	122	280018	45.840	ng		96
28) bis(2-Chloroethoxy)met...	10.010	93	439080	47.025	ng		100
29) 2,4-Dichlorophenol	10.245	162	318762	51.745	ng		98
30) 1,2,4-Trichlorobenzene	10.451	180	367907	54.056	ng		99
31) Naphthalene	10.634	128	1053303	47.532	ng		100
32) Benzoic acid	9.945	122	219501	47.867	ng		98
33) 4-Chloroaniline	10.775	127	86266	9.741	ng		99
34) Hexachlorobutadiene	10.904	225	235789	57.603	ng		100
35) Caprolactam	11.586	113	85331	47.884	ng	#	83
36) 4-Chloro-3-methylphenol	11.904	107	313753	48.391	ng		98
37) 2-Methylnaphthalene	12.257	142	690367	46.210	ng		99
38) 1-Methylnaphthalene	12.475	142	666426	47.661	ng		99
40) 1,2,4,5-Tetrachloroben...	12.628	216	389718	54.812	ng		98
41) Hexachlorocyclopentadiene	12.592	237	419189	111.440	ng		99
43) 2,4,6-Trichlorophenol	12.880	196	246427	54.075	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	261578	49.592	ng		95
46) 1,1'-Biphenyl	13.275	154	889979	50.136	ng		99
47) 2-Chloronaphthalene	13.316	162	696908	52.579	ng		99
48) 2-Nitroaniline	13.545	65	208434	49.266	ng		97
49) Acenaphthylene	14.169	152	1085999	50.763	ng		100
50) Dimethylphthalate	13.916	163	799518	48.541	ng		100
51) 2,6-Dinitrotoluene	14.045	165	174758	51.206	ng		100
52) Acenaphthene	14.510	154	624737	48.474	ng		100
53) 3-Nitroaniline	14.380	138	102161	27.057	ng		97
54) 2,4-Dinitrophenol	14.598	184	210912	90.675	ng		92
55) Dibenzofuran	14.851	168	1004566	47.774	ng		99
56) 4-Nitrophenol	14.704	139	272116	95.670	ng		95
57) 2,4-Dinitrotoluene	14.839	165	230400	47.315	ng		97
58) Fluorene	15.504	166	789350	47.584	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.080	232	221748	51.917	ng		97
60) Diethylphthalate	15.280	149	774406	48.618	ng		99
61) 4-Chlorophenyl-phenyle...	15.498	204	408761	49.174	ng		98
62) 4-Nitroaniline	15.551	138	153777	42.744	ng		96
63) Azobenzene	15.792	77	815122	46.718	ng		98
65) 4,6-Dinitro-2-methylph...	15.610	198	131771	51.668	ng		89
66) n-Nitrosodiphenylamine	15.721	169	649629	49.616	ng		100
67) 4-Bromophenyl-phenylether	16.398	248	241441	52.307	ng		99
68) Hexachlorobenzene	16.504	284	283174	55.172	ng		99
69) Atrazine	16.680	200	225159	65.483	ng		99
70) Pentachlorophenol	16.863	266	309669	87.130	ng		100
71) Phenanthrene	17.251	178	1141748	48.813	ng		100
72) Anthracene	17.345	178	1144421	49.470	ng		100
73) Carbazole	17.627	167	1016175	48.532	ng		100
74) Di-n-butylphthalate	18.180	149	1263457	53.400	ng		100
75) Fluoranthene	19.274	202	1270828	48.360	ng		100
77) Benzidine	19.480	184	503570	97.615	ng		99
78) Pyrene	19.645	202	1341074	50.667	ng		99
80) Butylbenzylphthalate	20.545	149	539912	55.859	ng		100
81) Benzo(a)anthracene	21.398	228	1295011	50.471	ng		99
82) 3,3'-Dichlorobenzidine	21.339	252	377251	45.058	ng		99
83) Chrysene	21.450	228	1187864	47.863	ng		100
84) Bis(2-ethylhexyl)phtha...	21.321	149	784049	50.916	ng	#	97
85) Di-n-octyl phthalate	22.233	149	1341169	54.902	ng		96
87) Indeno(1,2,3-cd)pyrene	26.233	276	1807918	53.255	ng		96
88) Benzo(b)fluoranthene	23.062	252	1393260	50.792	ng		98
89) Benzo(k)fluoranthene	23.109	252	1281510	45.672	ng		99
90) Benzo(a)pyrene	23.674	252	1234296	46.830	ng		98
91) Dibenzo(a,h)anthracene	26.244	278	1518663	53.633	ng		97
92) Benzo(g,h,i)perylene	26.980	276	1448408	52.277	ng		96

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

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