Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080923\
Data File : BM041348.D
Acq On : 09 Aug 2023 20:24
Operator : MA/JU
Sample : 03919-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-38MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

Quant Time: Aug 10 03:27:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 09 12:20:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.781	152	154869	20.000	ng		0.00
21) Naphthalene-d8	10.587	136	610059	20.000	ng		0.00
39) Acenaphthene-d10	14.445	164	355651	20.000	ng		0.00
64) Phenanthrene-d10	17.210	188	686356	20.000	ng		0.00
76) Chrysene-d12	21.415	240	512001	20.000	ng		0.00
86) Perylene-d12	23.780	264	567427	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	1127557	108.817	ng		0.00
7) Phenol-d6	6.969	99	1319446	98.234	ng		0.00
23) Nitrobenzene-d5	8.963	82	1045344	79.686	ng		0.00
42) 2,4,6-Tribromophenol	15.951	330	633480	125.928	ng		0.00
45) 2-Fluorobiphenyl	13.063	172	2305466	81.889	ng		0.00
79) Terphenyl-d14	19.845	244	2787803	98.447	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.269	88	147224	33.213	ng	#	42
3) Pyridine	3.681	79	362965	31.142	ng		99
4) n-Nitrosodimethylamine	3.587	42	216804	40.220	ng		98
6) Aniline	7.122	93	164842	10.487	ng		99
8) 2-Chlorophenol	7.351	128	486308	48.074	ng		99
9) Benzaldehyde	6.934	77	167162m	23.586	ng		
10) Phenol	6.999	94	528438	40.735	ng		95
11) bis(2-Chloroethyl)ether	7.222	93	496293	47.262	ng		96
12) 1,3-Dichlorobenzene	7.663	146	525826	47.753	ng		100
13) 1,4-Dichlorobenzene	7.816	146	537320	48.549	ng		99
14) 1,2-Dichlorobenzene	8.128	146	521601	49.152	ng		99
15) Benzyl Alcohol	8.046	79	455254m	53.671	ng		
16) 2,2'-oxybis(1-Chloropr...	8.322	45	624656	44.646	ng		95
17) 2-Methylphenol	8.245	107	406766	45.895	ng		98
18) Hexachloroethane	8.845	117	207073	50.256	ng		93
19) n-Nitroso-di-n-propyla...	8.604	70	421320	51.643	ng		99
20) 3+4-Methylphenols	8.581	107	534030	45.065	ng		97
22) Acetophenone	8.622	105	767153	47.481	ng	#	100
24) Nitrobenzene	9.004	77	599446	45.186	ng		100
25) Isophorone	9.528	82	1143744	51.362	ng		99
26) 2-Nitrophenol	9.710	139	274236	52.879	ng		95
27) 2,4-Dimethylphenol	9.775	122	418077	45.813	ng		96
28) bis(2-Chloroethoxy)met...	10.010	93	664043	47.605	ng		100
29) 2,4-Dichlorophenol	10.245	162	479051	52.054	ng		99
30) 1,2,4-Trichlorobenzene	10.451	180	533448	52.465	ng		99
31) Naphthalene	10.639	128	1504202	45.437	ng		100
32) Benzoic acid	9.951	122	166429	27.818	ng		97
33) 4-Chloroaniline	10.787	127	74233	5.611	ng		99
34) Hexachlorobutadiene	10.904	225	339202	55.469	ng		99
35) Caprolactam	11.604	113	113401	42.596	ng		91
36) 4-Chloro-3-methylphenol	11.910	107	479101	49.462	ng		99
37) 2-Methylnaphthalene	12.257	142	1045285	46.834	ng		99
38) 1-Methylnaphthalene	12.475	142	999915	47.867	ng		99
40) 1,2,4,5-Tetrachloroben...	12.628	216	599312	51.896	ng	#	98
41) Hexachlorocyclopentadiene	12.592	237	604786	98.989	ng		99
43) 2,4,6-Trichlorophenol	12.880	196	397587	53.715	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	424736	49.578	ng		97
46) 1,1'-Biphenyl	13.275	154	1383738	47.993	ng		98
47) 2-Chloronaphthalene	13.322	162	1077340	50.043	ng		99
48) 2-Nitroaniline	13.551	65	309674	45.064	ng		95
49) Acenaphthylene	14.169	152	1706995	49.125	ng		99
50) Dimethylphthalate	13.922	163	1331134	49.757	ng		100
51) 2,6-Dinitrotoluene	14.051	165	285933	51.583	ng		97
52) Acenaphthene	14.510	154	976414	46.644	ng		99
53) 3-Nitroaniline	14.386	138	147842	24.388	ng		93
54) 2,4-Dinitrophenol	14.598	184	214134	58.867	ng		93
55) Dibenzofuran	14.851	168	1598418	46.801	ng		100
56) 4-Nitrophenol	14.710	139	299765	64.887	ng		95
57) 2,4-Dinitrotoluene	14.845	165	375814	47.505	ng		95
58) Fluorene	15.504	166	1257838	46.684	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.086	232	361746	52.145	ng		96
60) Diethylphthalate	15.286	149	1277291	49.371	ng		98
61) 4-Chlorophenyl-phenyle...	15.498	204	677395	50.172	ng		97
62) 4-Nitroaniline	15.557	138	190130	33.528	ng		94
63) Azobenzene	15.792	77	1290862	45.551	ng		98
65) 4,6-Dinitro-2-methylph...	15.610	198	178009	42.812	ng		89
66) n-Nitrosodiphenylamine	15.721	169	1047884	49.090	ng		99
67) 4-Bromophenyl-phenylether	16.398	248	406066	53.960	ng		99
68) Hexachlorobenzene	16.504	284	468412	55.977	ng		97
69) Atrazine	16.686	200	373658	66.655	ng		99
70) Pentachlorophenol	16.863	266	493836	85.226	ng		100
71) Phenanthrene	17.251	178	1799668	47.193	ng		100
72) Anthracene	17.345	178	1829999	48.521	ng		100
73) Carbazole	17.627	167	1544128	45.234	ng		100
74) Di-n-butylphthalate	18.180	149	2014289	52.218	ng		100
75) Fluoranthene	19.280	202	1929600	45.039	ng		98
77) Benzidine	19.480	184	260044	37.263	ng		99
78) Pyrene	19.639	202	1980827	55.323	ng		100
80) Butylbenzylphthalate	20.545	149	766517	58.623	ng		99
81) Benzo(a)anthracene	21.398	228	1751052	50.449	ng		99
82) 3,3'-Dichlorobenzidine	21.339	252	374380	33.055	ng		100
83) Chrysene	21.451	228	1610363	47.967	ng		99
84) Bis(2-ethylhexyl)phtha...	21.321	149	1084471	52.004	ng	#	97
85) Di-n-octyl phthalate	22.233	149	1782234	53.932	ng		96
87) Indeno(1,2,3-cd)pyrene	26.233	276	2172794	52.083	ng		96
88) Benzo(b)fluoranthene	23.062	252	1747437	51.839	ng		98
89) Benzo(k)fluoranthene	23.109	252	1639137	47.538	ng		99
90) Benzo(a)pyrene	23.674	252	1517425	46.850	ng		98
91) Dibenzo(a,h)anthracene	26.244	278	1817798	52.241	ng	#	97
92) Benzo(g,h,i)perylene	26.985	276	1688002	49.577	ng		96

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

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