Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082123\
Data File : BM041446.D
Acq On : 21 Aug 2023 13:50
Operator : MA/JU
Sample : 04080-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 22 03:36:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 22 03:32:15 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
ETGI-340MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	157896	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	663056	20.000	ng	0.00
39) Acenaphthene-d10	14.421	164	445311	20.000	ng	0.00
64) Phenanthrene-d10	17.180	188	999121	20.000	ng	0.00
76) Chrysene-d12	21.386	240	966597	20.000	ng	0.00
86) Perylene-d12	23.727	264	1085302	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1068182	112.542	ng	0.00
7) Phenol-d6	6.957	99	1304516	101.218	ng	0.00
23) Nitrobenzene-d5	8.939	82	987435	71.089	ng	0.00
42) 2,4,6-Tribromophenol	15.927	330	766258	108.430	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	2371880	71.374	ng	0.00
79) Terphenyl-d14	19.815	244	4065213	73.186	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.257	88	125406	31.099	ng	# 42
3) Pyridine	3.663	79	285683	26.815	ng	97
4) n-Nitrosodimethylamine	3.569	42	174234	35.469	ng	99
6) Aniline	7.104	93	210879	13.760	ng	99
8) 2-Chlorophenol	7.334	128	408407	41.648	ng	98
9) Benzaldehyde	6.916	77	130603	18.354	ng	100
10) Phenol	6.987	94	463027	37.185	ng	99
11) bis(2-Chloroethyl)ether	7.198	93	383996	38.548	ng	99
12) 1,3-Dichlorobenzene	7.645	146	421593	38.682	ng	99
13) 1,4-Dichlorobenzene	7.793	146	436184	39.584	ng	100
14) 1,2-Dichlorobenzene	8.110	146	422174	39.692	ng	100
15) Benzyl Alcohol	8.022	79	391567m	42.796	ng	
16) 2,2'-oxybis(1-Chloropr...	8.298	45	453618m	37.954	ng	
17) 2-Methylphenol	8.234	107	346896	38.971	ng	99
18) Hexachloroethane	8.822	117	161080	38.495	ng	98
19) n-Nitroso-di-n-propyla...	8.581	70	346903	39.235	ng	99
20) 3+4-Methylphenols	8.563	107	469280	38.385	ng	98
22) Acetophenone	8.598	105	646436	37.832	ng	99
24) Nitrobenzene	8.981	77	505982	36.481	ng	100
25) Isophorone	9.504	82	950551	37.388	ng	99
26) 2-Nitrophenol	9.687	139	233734	38.597	ng	98
27) 2,4-Dimethylphenol	9.757	122	366402	37.576	ng	98
28) bis(2-Chloroethoxy)met...	9.986	93	545317	36.850	ng	99
29) 2,4-Dichlorophenol	10.234	162	434987	40.720	ng	98
30) 1,2,4-Trichlorobenzene	10.422	180	459988	38.781	ng	99
31) Naphthalene	10.610	128	1265076	36.696	ng	100
32) Benzoic acid	9.939	122	157840	20.154	ng	99
33) 4-Chloroaniline	10.763	127	69525	4.777	ng	98
34) Hexachlorobutadiene	10.875	225	294558	37.551	ng	97
35) Caprolactam	11.575	113	102309m	30.894	ng	
36) 4-Chloro-3-methylphenol	11.892	107	441668	38.849	ng	98
37) 2-Methylnaphthalene	12.227	142	907860	36.192	ng	99
38) 1-Methylnaphthalene	12.451	142	873813	36.871	ng	100
40) 1,2,4,5-Tetrachloroben...	12.598	216	554460	38.163	ng	98
41) Hexachlorocyclopentadiene	12.563	237	579834	73.882	ng	99
43) 2,4,6-Trichlorophenol	12.857	196	381259	39.211	ng	99

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44) 2,4,5-Trichlorophenol	12.945	196	415462	36.910	ng		97
46) 1,1'-Biphenyl	13.251	154	1258634	37.451	ng		98
47) 2-Chloronaphthalene	13.292	162	997408	38.614	ng		100
48) 2-Nitroaniline	13.527	65	305046	36.143	ng		92
49) Acenaphthylene	14.139	152	1615362	38.593	ng		99
50) Dimethylphthalate	13.892	163	1320220	37.967	ng		99
51) 2,6-Dinitrotoluene	14.027	165	282710	37.937	ng		95
52) Acenaphthene	14.486	154	926515	37.010	ng		100
53) 3-Nitroaniline	14.363	138	151666	20.407	ng		98
54) 2,4-Dinitrophenol	14.574	184	243854	52.316	ng		96
55) Dibenzofuran	14.821	168	1572046	37.448	ng		99
56) 4-Nitrophenol	14.698	139	368727	65.888	ng		97
57) 2,4-Dinitrotoluene	14.821	165	394246	38.711	ng		93
58) Fluorene	15.474	166	1266278	37.639	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.057	232	376562	39.363	ng		97
60) Diethylphthalate	15.257	149	1278051	36.787	ng		99
61) 4-Chlorophenyl-phenyle...	15.468	204	685992	37.821	ng		99
62) 4-Nitroaniline	15.533	138	242599	35.782	ng		97
63) Azobenzene	15.763	77	1271182	36.315	ng		98
65) 4,6-Dinitro-2-methylph...	15.586	198	208610	32.617	ng		95
66) n-Nitrosodiphenylamine	15.692	169	1080567	36.741	ng		99
67) 4-Bromophenyl-phenylether	16.368	248	427488	37.337	ng		96
68) Hexachlorobenzene	16.474	284	498358	39.885	ng		100
69) Atrazine	16.657	200	416731	49.931	ng		100
70) Pentachlorophenol	16.833	266	552924	63.195	ng		100
71) Phenanthrene	17.221	178	1967625	37.308	ng		100
72) Anthracene	17.315	178	2001777	37.430	ng		99
73) Carbazole	17.598	167	1792944	37.679	ng		100
74) Di-n-butylphthalate	18.151	149	2233179	37.357	ng		100
75) Fluoranthene	19.245	202	2368378	37.719	ng		100
77) Benzidine	19.451	184	443248	40.006	ng		99
78) Pyrene	19.609	202	2471062	35.746	ng		99
80) Butylbenzylphthalate	20.515	149	1000200	36.124	ng		99
81) Benzo(a)anthracene	21.368	228	2495430	37.805	ng		100
82) 3,3'-Dichlorobenzidine	21.309	252	506822	23.740	ng		99
83) Chrysene	21.421	228	2275857	36.273	ng		99
84) Bis(2-ethylhexyl)phtha...	21.292	149	1487855	37.824	ng	#	98
85) Di-n-octyl phthalate	22.197	149	2538590	39.469	ng		98
87) Indeno(1,2,3-cd)pyrene	26.150	276	2797906	39.595	ng		98
88) Benzo(b)fluoranthene	23.015	252	2511445	38.825	ng		99
89) Benzo(k)fluoranthene	23.062	252	2450849	37.491	ng		99
90) Benzo(a)pyrene	23.627	252	2194372	35.626	ng		99
91) Dibenzo(a,h)anthracene	26.156	278	2376763	39.994	ng		98
92) Benzo(g,h,i)perylene	26.891	276	2177507	37.902	ng		99

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

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