Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082123\
Data File : BM041445.D
Acq On : 21 Aug 2023 13:13
Operator : MA/JU
Sample : 04080-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 22 03:35:39 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-340MS

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	156581	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	643539	20.000	ng	0.00
39) Acenaphthene-d10	14.421	164	409986	20.000	ng	0.00
64) Phenanthrene-d10	17.180	188	863651	20.000	ng	0.00
76) Chrysene-d12	21.386	240	647839	20.000	ng	0.00
86) Perylene-d12	23.727	264	592183	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1135064	120.593	ng	0.00
7) Phenol-d6	6.963	99	1347617	105.441	ng	0.00
23) Nitrobenzene-d5	8.939	82	1033893	76.691	ng	0.00
42) 2,4,6-Tribromophenol	15.927	330	740210	113.769	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	2427259	79.334	ng	0.00
79) Terphenyl-d14	19.815	244	3429662	92.125	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.257	88	135602	33.910	ng	# 42
3) Pyridine	3.663	79	310372	29.377	ng	99
4) n-Nitrosodimethylamine	3.575	42	186207	38.225	ng	100
6) Aniline	7.104	93	176126	11.589	ng	99
8) 2-Chlorophenol	7.334	128	429928	44.211	ng	98
9) Benzaldehyde	6.916	77	119371	16.916	ng	98
10) Phenol	6.987	94	481371	38.982	ng	100
11) bis(2-Chloroethyl)ether	7.198	93	407821	41.284	ng	99
12) 1,3-Dichlorobenzene	7.645	146	455649	42.158	ng	99
13) 1,4-Dichlorobenzene	7.792	146	471234	43.124	ng	98
14) 1,2-Dichlorobenzene	8.110	146	452288	42.881	ng	98
15) Benzyl Alcohol	8.022	79	400660m	44.157	ng	
16) 2,2'-oxybis(1-Chloropr...	8.298	45	483325m	40.779	ng	
17) 2-Methylphenol	8.234	107	356428	40.378	ng	99
18) Hexachloroethane	8.822	117	173183	41.735	ng	97
19) n-Nitroso-di-n-propyla...	8.581	70	362611	41.356	ng	99
20) 3+4-Methylphenols	8.563	107	477164	39.358	ng	98
22) Acetophenone	8.598	105	676482	40.791	ng	99
24) Nitrobenzene	8.981	77	530707	39.424	ng	100
25) Isophorone	9.504	82	973574	39.455	ng	98
26) 2-Nitrophenol	9.686	139	241279	41.051	ng	96
27) 2,4-Dimethylphenol	9.757	122	370782	39.178	ng	98
28) bis(2-Chloroethoxy)met...	9.986	93	565827	39.395	ng	100
29) 2,4-Dichlorophenol	10.233	162	440099	42.448	ng	99
30) 1,2,4-Trichlorobenzene	10.422	180	487166	42.318	ng	99
31) Naphthalene	10.610	128	1316051	39.333	ng	100
32) Benzoic acid	9.933	122	135570	17.836	ng	97
33) 4-Chloroaniline	10.763	127	72730	5.149	ng	98
34) Hexachlorobutadiene	10.875	225	312965	41.108	ng	98
35) Caprolactam	11.574	113	96981m	30.173	ng	
36) 4-Chloro-3-methylphenol	11.892	107	440111	39.886	ng	98
37) 2-Methylnaphthalene	12.227	142	931630	38.266	ng	100
38) 1-Methylnaphthalene	12.451	142	893091	38.828	ng	98
40) 1,2,4,5-Tetrachloroben...	12.598	216	568931	42.534	ng	98
41) Hexachlorocyclopentadiene	12.563	237	617268	84.427	ng	99
43) 2,4,6-Trichlorophenol	12.857	196	382491	42.727	ng	97

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44) 2,4,5-Trichlorophenol	12.945	196	405523	39.131	ng		96
46) 1,1'-Biphenyl	13.251	154	1279034	41.338	ng		98
47) 2-Chloronaphthalene	13.292	162	1008523	42.409	ng		99
48) 2-Nitroaniline	13.521	65	299189	38.504	ng		98
49) Acenaphthylene	14.139	152	1598768	41.487	ng		99
50) Dimethylphthalate	13.892	163	1289919	40.292	ng		100
51) 2,6-Dinitrotoluene	14.021	165	272376	39.699	ng		99
52) Acenaphthene	14.486	154	923512	40.069	ng		99
53) 3-Nitroaniline	14.363	138	138883	20.297	ng		99
54) 2,4-Dinitrophenol	14.580	184	223942	52.183	ng		90
55) Dibenzofuran	14.821	168	1552086	40.159	ng		99
56) 4-Nitrophenol	14.698	139	331544	64.348	ng		97
57) 2,4-Dinitrotoluene	14.821	165	372131	39.688	ng		94
58) Fluorene	15.474	166	1239041	40.002	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.057	232	359671	40.837	ng		97
60) Diethylphthalate	15.257	149	1231343	38.496	ng		99
61) 4-Chlorophenyl-phenyle...	15.468	204	681029	40.782	ng		99
62) 4-Nitroaniline	15.533	138	218964	35.079	ng		97
63) Azobenzene	15.762	77	1230459	38.181	ng		98
65) 4,6-Dinitro-2-methylph...	15.586	198	188700	34.132	ng		94
66) n-Nitrosodiphenylamine	15.692	169	1042652	41.012	ng		98
67) 4-Bromophenyl-phenylether	16.368	248	416045	42.037	ng		96
68) Hexachlorobenzene	16.474	284	482749	44.696	ng		99
69) Atrazine	16.656	200	385179	53.390	ng		99
70) Pentachlorophenol	16.833	266	494961	65.444	ng		99
71) Phenanthrene	17.221	178	1839572	40.351	ng		100
72) Anthracene	17.315	178	1863949	40.320	ng		100
73) Carbazole	17.598	167	1600771	38.917	ng		99
74) Di-n-butylphthalate	18.151	149	2015185	38.998	ng		100
75) Fluoranthene	19.245	202	2037335	37.536	ng		99
77) Benzidine	19.456	184	270644	36.446	ng		99
78) Pyrene	19.609	202	2105118	45.436	ng		100
80) Butylbenzylphthalate	20.515	149	767052	41.335	ng		100
81) Benzo(a)anthracene	21.368	228	1819979	41.139	ng		99
82) 3,3'-Dichlorobenzidine	21.309	252	350630	24.505	ng		99
83) Chrysene	21.421	228	1656651	39.395	ng		99
84) Bis(2-ethylhexyl)phtha...	21.291	149	1028075	38.995	ng	#	98
85) Di-n-octyl phthalate	22.197	149	1573394	36.499	ng		98
87) Indeno(1,2,3-cd)pyrene	26.138	276	1626508	42.185	ng		98
88) Benzo(b)fluoranthene	23.015	252	1529657	43.339	ng		99
89) Benzo(k)fluoranthene	23.062	252	1470263	41.219	ng		100
90) Benzo(a)pyrene	23.627	252	1288571	38.341	ng		99
91) Dibenzo(a,h)anthracene	26.150	278	1363545	42.050	ng		99
92) Benzo(g,h,i)perylene	26.879	276	1313466	41.900	ng		100

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

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