Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060923\
Data File : BM040195.D
Acq On : 09 Jun 2023 17:19
Operator : MA/JU
Sample : 03032-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 10 04:42:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 08 23:25:50 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
TP-20-0AMS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
06/12/2023
Supervised By :Jagrut Upadhyay
06/12/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.987	152	348689	20.000	ng		0.00
21) Naphthalene-d8	10.804	136	1643277	20.000	ng		0.00
39) Acenaphthene-d10	14.627	164	1062347	20.000	ng		0.00
64) Phenanthrene-d10	17.368	188	2271140	20.000	ng		0.00
76) Chrysene-d12	21.550	240	2314231	20.000	ng		0.00
86) Perylene-d12	23.986	264	2345229	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	2285801	97.883	ng		0.00
7) Phenol-d6	7.151	99	3048694	95.675	ng		0.00
23) Nitrobenzene-d5	9.157	82	1646154	54.220	ng		0.00
42) 2,4,6-Tribromophenol	16.116	330	1608214	100.616	ng		0.00
45) 2-Fluorobiphenyl	13.257	172	4228108	52.604	ng		0.00
79) Terphenyl-d14	19.986	244	7965956	63.453	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	308092	33.223	ng		98
3) Pyridine	3.805	79	854627	32.130	ng		97
4) n-Nitrosodimethylamine	3.710	42	395606	36.685	ng		94
6) Aniline	7.310	93	1408637	36.526	ng		99
8) 2-Chlorophenol	7.551	128	1203646	48.748	ng		97
9) Benzaldehyde	7.122	77	547803	32.284	ng		97
10) Phenol	7.175	94	1522655	48.587	ng		98
11) bis(2-Chloroethyl)ether	7.410	93	1041836	41.251	ng		97
12) 1,3-Dichlorobenzene	7.875	146	1121412	45.178	ng		97
13) 1,4-Dichlorobenzene	8.022	146	1142142	45.032	ng		99
14) 1,2-Dichlorobenzene	8.345	146	1129309	45.244	ng		98
15) Benzyl Alcohol	8.228	79	968632	46.061	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.522	45	1318222	40.942	ng		97
17) 2-Methylphenol	8.434	107	1014929	45.452	ng		99
18) Hexachloroethane	9.075	117	407303	44.850	ng		96
19) n-Nitroso-di-n-propyla...	8.804	70	801608	41.405	ng		97
20) 3+4-Methylphenols	8.763	107	1401159	45.963	ng		98
22) Acetophenone	8.816	105	1733989	40.406	ng	#	98
24) Nitrobenzene	9.198	77	1197869	38.332	ng		96
25) Isophorone	9.728	82	2343556	40.877	ng		97
26) 2-Nitrophenol	9.916	139	624910	48.125	ng		93
27) 2,4-Dimethylphenol	9.975	122	1159763	45.650	ng		96
28) bis(2-Chloroethoxy)met...	10.210	93	1498192	40.479	ng		99
29) 2,4-Dichlorophenol	10.445	162	1166554	50.062	ng		98
30) 1,2,4-Trichlorobenzene	10.663	180	1069250	45.299	ng		99
31) Naphthalene	10.851	128	3595394	40.621	ng		100
32) Benzoic acid	10.116	122	957842	48.892	ng		94
33) 4-Chloroaniline	10.963	127	1017956	25.823	ng		98
34) Hexachlorobutadiene	11.139	225	559664	45.202	ng		97
35) Caprolactam	11.751	113	404044m	50.491	ng		
36) 4-Chloro-3-methylphenol	12.086	107	1247652	46.107	ng		93
37) 2-Methylnaphthalene	12.457	142	2554917	41.743	ng		99
38) 1-Methylnaphthalene	12.680	142	2424022	41.997	ng		99
40) 1,2,4,5-Tetrachloroben...	12.827	216	1210340	42.975	ng		99
41) Hexachlorocyclopentadiene	12.804	237	1302449	88.687	ng		99
43) 2,4,6-Trichlorophenol	13.063	196	900463	46.613	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.133	196	985890	42.280	ng		96
46) 1,1'-Biphenyl	13.463	154	3473803	40.780	ng		99
47) 2-Chloronaphthalene	13.510	162	2692430	42.547	ng		97
48) 2-Nitroaniline	13.710	65	776395	40.919	ng		90
49) Acenaphthylene	14.351	152	4379611	41.743	ng		100
50) Dimethylphthalate	14.086	163	3390571	40.920	ng		100
51) 2,6-Dinitrotoluene	14.204	165	731081	44.024	ng		89
52) Acenaphthene	14.692	154	2673874	41.319	ng		100
53) 3-Nitroaniline	14.533	138	706698	34.109	ng		91
54) 2,4-Dinitrophenol	14.733	184	592260	58.373	ng		88
55) Dibenzofuran	15.027	168	4221368	41.701	ng		97
56) 4-Nitrophenol	14.839	139	1620218	96.553	ng		92
57) 2,4-Dinitrotoluene	14.986	165	1039458	46.902	ng		88
58) Fluorene	15.674	166	3584534	42.303	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.251	232	891172	48.878	ng		92
60) Diethylphthalate	15.445	149	3555757	42.295	ng		98
61) 4-Chlorophenyl-phenyle...	15.668	204	1734041	43.782	ng		94
62) 4-Nitroaniline	15.698	138	921788	41.765	ng		92
63) Azobenzene	15.957	77	3371925	41.253	ng		95
65) 4,6-Dinitro-2-methylph...	15.751	198	392425	30.805	ng		89
66) n-Nitrosodiphenylamine	15.880	169	3002434	40.362	ng		98
67) 4-Bromophenyl-phenylether	16.563	248	977510	42.854	ng		95
68) Hexachlorobenzene	16.674	284	1215503	46.463	ng		94
69) Atrazine	16.833	200	1023433	50.342	ng		97
70) Pentachlorophenol	17.021	266	1673872	87.164	ng		99
71) Phenanthrene	17.415	178	5442413	41.127	ng		99
72) Anthracene	17.504	178	5521514	41.824	ng		100
73) Carbazole	17.774	167	5325372	42.290	ng		99
74) Di-n-butylphthalate	18.333	149	6534202	46.268	ng		99
75) Fluoranthene	19.427	202	6190130	44.081	ng		98
77) Benzidine	19.609	184	1654342	38.064	ng		99
78) Pyrene	19.786	202	6679619	43.285	ng		100
80) Butylbenzylphthalate	20.680	149	3057954	49.027	ng		90
81) Benzo(a)anthracene	21.533	228	6956429	44.080	ng		99
82) 3,3'-Dichlorobenzidine	21.462	252	2488410	47.445	ng		99
83) Chrysene	21.592	228	6313135	42.229	ng		99
84) Bis(2-ethylhexyl)phtha...	21.456	149	4666254	50.659	ng	#	96
85) Di-n-octyl phthalate	22.392	149	8075595	53.989	ng		96
87) Indeno(1,2,3-cd)pyrene	26.532	276	6835059	38.869	ng		98
88) Benzo(b)fluoranthene	23.244	252	6865958	48.339	ng		98
89) Benzo(k)fluoranthene	23.291	252	6760830	45.543	ng		99
90) Benzo(a)pyrene	23.880	252	5605954	41.328	ng		99
91) Dibenzo(a,h)anthracene	26.544	278	5842458	38.487	ng		99
92) Benzo(g,h,i)perylene	27.309	276	4844976	37.155	ng		97

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

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