Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102922\
Data File : BM037275.D
Acq On : 29 Oct 2022 17:39
Operator : CG/JU
Sample : N5273-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LIDEN-GAS-PIPELINEMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

Quant Time: Oct 31 02:06:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 31 01:34:15 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	512174	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	1938693	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	992029	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	1655430	20.000	ng	0.00
76) Chrysene-d12	21.421	240	1330783	20.000	ng	0.00
86) Perylene-d12	23.780	264	1474298	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	3570702	120.445	ng	0.00
7) Phenol-d6	7.051	99	4453525	110.686	ng	0.00
23) Nitrobenzene-d5	9.045	82	2585825	67.294	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	1271446	108.757	ng	0.00
45) 2-Fluorobiphenyl	13.133	172	4729992	63.352	ng	0.00
79) Terphenyl-d14	19.862	244	4584787	61.781	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	472631	38.933	ng	99
3) Pyridine	3.734	79	1322332	36.562	ng	99
4) n-Nitrosodimethylamine	3.646	42	691225	43.727	ng	100
6) Aniline	7.204	93	2065195	41.986	ng	100
8) 2-Chlorophenol	7.440	128	1596097	44.235	ng	100
9) Benzaldehyde	7.016	77	1079286	52.993	ng	99
10) Phenol	7.075	94	1965688	43.600	ng	99
11) bis(2-Chloroethyl)ether	7.304	93	1550951	42.907	ng	99
12) 1,3-Dichlorobenzene	7.757	146	1722912	43.698	ng	99
13) 1,4-Dichlorobenzene	7.910	146	1758277	43.232	ng	99
14) 1,2-Dichlorobenzene	8.222	146	1686771	43.183	ng	98
15) Benzyl Alcohol	8.122	79	1224077m	42.553	ng	
16) 2,2'-oxybis(1-Chloropr...	8.404	45	2151572	41.752	ng	100
17) 2-Methylphenol	8.328	107	1230957	41.779	ng	100
18) Hexachloroethane	8.945	117	643344	44.854	ng	99
19) n-Nitroso-di-n-propyla...	8.692	70	1110157	40.254	ng	99
20) 3+4-Methylphenols	8.657	107	1615037	39.907	ng	99
22) Acetophenone	8.704	105	2206000	43.778	ng	99
24) Nitrobenzene	9.086	77	1636206	42.000	ng	99
25) Isophorone	9.610	82	2816872	43.862	ng	100
26) 2-Nitrophenol	9.792	139	792055	45.415	ng	99
27) 2,4-Dimethylphenol	9.857	122	1261618	48.743	ng	99
28) bis(2-Chloroethoxy)met...	10.092	93	1855425	46.435	ng	100
29) 2,4-Dichlorophenol	10.328	162	1291197	43.458	ng	99
30) 1,2,4-Trichlorobenzene	10.539	180	1453301	43.134	ng	98
31) Naphthalene	10.728	128	4531439	41.256	ng	99
32) Benzoic acid	10.010	122	703480	32.500	ng	99
33) 4-Chloroaniline	10.845	127	1184878	27.082	ng	100
34) Hexachlorobutadiene	10.998	225	821059	43.641	ng	97
35) Caprolactam	11.651	113	340250	37.669	ng	99
36) 4-Chloro-3-methylphenol	11.969	107	1231378	40.217	ng	99
37) 2-Methylnaphthalene	12.333	142	3000118	40.314	ng	100
38) 1-Methylnaphthalene	12.551	142	2802236	38.537	ng	100
40) 1,2,4,5-Tetrachloroben...	12.698	216	1455867	48.810	ng	99
41) Hexachlorocyclopentadiene	12.675	237	1695100	119.279	ng	99
43) 2,4,6-Trichlorophenol	12.945	196	923907	44.996	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	973949	42.999	ng	99
46) 1,1'-Biphenyl	13.345	154	3689727	46.090	ng	100
47) 2-Chloronaphthalene	13.386	162	2836083	44.518	ng	100
48) 2-Nitroaniline	13.598	65	771304	41.896	ng	100
49) Acenaphthylene	14.233	152	4266703	43.144	ng	100
50) Dimethylphthalate	13.974	163	3058354	40.362	ng	100
51) 2,6-Dinitrotoluene	14.098	165	668619	41.668	ng	97
52) Acenaphthene	14.569	154	2581009	42.216	ng	99
53) 3-Nitroaniline	14.427	138	496065	27.672	ng	99
54) 2,4-Dinitrophenol	14.633	184	589889	57.778	ng	95
55) Dibenzofuran	14.904	168	3923155	41.661	ng	100
56) 4-Nitrophenol	14.739	139	1139382	79.671	ng	99
57) 2,4-Dinitrotoluene	14.880	165	865933	41.011	ng	98
58) Fluorene	15.551	166	3231036	41.106	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.133	232	752075	39.614	ng	99
60) Diethylphthalate	15.333	149	2940601	39.929	ng	99
61) 4-Chlorophenyl-phenyle...	15.545	204	1547336	42.551	ng	98
62) 4-Nitroaniline	15.586	138	658654	36.635	ng	98
63) Azobenzene	15.839	77	2980831	41.086	ng	99
65) 4,6-Dinitro-2-methylph...	15.639	198	385727	34.925	ng	99
66) n-Nitrosodiphenylamine	15.763	169	2589150	46.272	ng	99
67) 4-Bromophenyl-phenylether	16.439	248	878562	47.293	ng	100
68) Hexachlorobenzene	16.551	284	1025110	45.597	ng	97
69) Atrazine	16.715	200	769625	54.665	ng	99
70) Pentachlorophenol	16.898	266	1130527	86.419	ng	99
71) Phenanthrene	17.292	178	4391961	42.763	ng	100
72) Anthracene	17.380	178	4338269	44.618	ng	100
73) Carbazole	17.657	167	3801398	42.622	ng	100
74) Di-n-butylphthalate	18.215	149	4457487	45.262	ng	100
75) Fluoranthene	19.303	202	4349118	40.060	ng	99
77) Benzidine	19.492	184	2203056	111.020	ng	99
78) Pyrene	19.662	202	4466621	43.648	ng	100
80) Butylbenzylphthalate	20.562	149	1726508	47.242	ng	98
81) Benzo(a)anthracene	21.403	228	4069623	42.954	ng	100
82) 3,3'-Dichlorobenzidine	21.345	252	1361517	48.929	ng	99
83) Chrysene	21.456	228	3829297	41.951	ng	99
84) Bis(2-ethylhexyl)phtha...	21.333	149	2494467	50.856	ng	97
85) Di-n-octyl phthalate	22.239	149	4100415	53.081	ng	100
87) Indeno(1,2,3-cd)pyrene	26.227	276	5506164	45.614	ng	100
88) Benzo(b)fluoranthene	23.062	252	4533292	44.291	ng	99
89) Benzo(k)fluoranthene	23.109	252	4359096	41.753	ng	99
90) Benzo(a)pyrene	23.674	252	4011619	48.104	ng	99
91) Dibenzo(a,h)anthracene	26.244	278	4703545	46.921	ng	99
92) Benzo(g,h,i)perylene	26.979	276	4490954	46.031	ng	100

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

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