Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011323\
Data File : BM038445.D
Acq On : 12 Jan 2023 19:48
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023

Quant Time: Jan 13 00:25:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 13 00:18:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	120239	20.000	ng	0.00
21) Naphthalene-d8	10.810	136	445719	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	310301	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	726637	20.000	ng	0.00
76) Chrysene-d12	21.545	240	781169	20.000	ng	0.00
86) Perylene-d12	23.968	264	725441	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	848343	116.963	ng	0.00
7) Phenol-d6	7.163	99	1256541	131.903	ng	0.00
23) Nitrobenzene-d5	9.175	82	1392080	136.782	ng	0.00
42) 2,4,6-Tribromophenol	16.116	330	701617	148.422	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	3502512	142.037	ng	0.00
79) Terphenyl-d14	19.980	244	5265631	127.416	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	169532	49.657	ng	96
3) Pyridine	3.816	79	564197	60.739	ng	97
4) n-Nitrosodimethylamine	3.728	42	335681	75.856	ng	96
6) Aniline	7.328	93	779649	64.158	ng	96
8) 2-Chlorophenol	7.557	128	482471	63.604	ng	96
9) Benzaldehyde	7.134	77	353686	51.852	ng	97
10) Phenol	7.193	94	635290	64.227	ng	99
11) bis(2-Chloroethyl)ether	7.422	93	514696	63.398	ng	100
12) 1,3-Dichlorobenzene	7.881	146	507329	60.579	ng	97
13) 1,4-Dichlorobenzene	8.028	146	517880	61.292	ng	99
14) 1,2-Dichlorobenzene	8.351	146	516266	62.430	ng	97
15) Benzyl Alcohol	8.245	79	549635	76.972	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.528	45	755715	66.448	ng	98
17) 2-Methylphenol	8.445	107	455674	65.471	ng	98
18) Hexachloroethane	9.075	117	209571	64.138	ng	93
19) n-Nitroso-di-n-propyla...	8.816	70	491773	71.336	ng	95
20) 3+4-Methylphenols	8.781	107	596090	64.072	ng	97
22) Acetophenone	8.834	105	844211	66.970	ng	95
24) Nitrobenzene	9.216	77	703984	66.609	ng	96
25) Isophorone	9.745	82	1250247	68.332	ng	97
26) 2-Nitrophenol	9.922	139	275322	66.788	ng	93
27) 2,4-Dimethylphenol	9.981	122	451727	65.695	ng	96
28) bis(2-Chloroethoxy)met...	10.222	93	697274	65.386	ng	98
29) 2,4-Dichlorophenol	10.457	162	503672	67.084	ng	97
30) 1,2,4-Trichlorobenzene	10.669	180	572487	66.296	ng	98
31) Naphthalene	10.857	128	1536253	64.867	ng	100
32) Benzoic acid	10.181	122	371770	71.794	ng	94
33) 4-Chloroaniline	10.975	127	687480	68.149	ng	96
34) Hexachlorobutadiene	11.128	225	394997	70.432	ng	98
35) Caprolactam	11.810	113	144248	65.906	ng	92
36) 4-Chloro-3-methylphenol	12.098	107	542738	68.493	ng	94
37) 2-Methylnaphthalene	12.463	142	1190430	70.083	ng	98
38) 1-Methylnaphthalene	12.680	142	1117574	69.869	ng	100
40) 1,2,4,5-Tetrachloroben...	12.828	216	749000	65.349	ng	99
41) Hexachlorocyclopentadiene	12.798	237	457240	72.967	ng	99
43) 2,4,6-Trichlorophenol	13.069	196	493682	65.837	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.145	196	579104	66.291	ng		95
46) 1,1'-Biphenyl	13.469	154	1621675	66.204	ng		98
47) 2-Chloronaphthalene	13.510	162	1241920	64.232	ng		99
48) 2-Nitroaniline	13.727	65	453235	69.778	ng		89
49) Acenaphthylene	14.357	152	2006307	65.740	ng		99
50) Dimethylphthalate	14.098	163	1636471	66.255	ng		99
51) 2,6-Dinitrotoluene	14.222	165	339119	65.137	ng		87
52) Acenaphthene	14.692	154	1251513	68.009	ng		98
53) 3-Nitroaniline	14.551	138	345623	64.936	ng		89
54) 2,4-Dinitrophenol	14.757	184	244874	67.983	ng		89
55) Dibenzofuran	15.027	168	2063073	67.345	ng		97
56) 4-Nitrophenol	14.857	139	271421	63.389	ng		92
57) 2,4-Dinitrotoluene	15.004	165	495900	69.979	ng		87
58) Fluorene	15.674	166	1827075	72.445	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.251	232	511660	69.210	ng		97
60) Diethylphthalate	15.445	149	1727507	70.247	ng		97
61) 4-Chlorophenyl-phenyle...	15.663	204	961047	72.392	ng		99
62) 4-Nitroaniline	15.716	138	363724m	66.732	ng		
63) Azobenzene	15.957	77	1780465	69.603	ng		96
65) 4,6-Dinitro-2-methylph...	15.763	198	333818	67.669	ng		94
66) n-Nitrosodiphenylamine	15.886	169	1481984	67.655	ng		100
67) 4-Bromophenyl-phenylether	16.557	248	580341	70.993	ng		98
68) Hexachlorobenzene	16.674	284	623912	68.892	ng		94
69) Atrazine	16.833	200	516170	68.580	ng		99
70) Pentachlorophenol	17.021	266	482913	73.336	ng		99
71) Phenanthrene	17.415	178	2750228	67.820	ng		99
72) Anthracene	17.504	178	2867822	69.155	ng		100
73) Carbazole	17.780	167	2461445	67.486	ng		100
74) Di-n-butylphthalate	18.327	149	3149008	75.606	ng		99
75) Fluoranthene	19.421	202	3447711	68.761	ng		100
77) Benzidine	19.609	184	989554	44.358	ng		99
78) Pyrene	19.786	202	3615940	65.937	ng		100
80) Butylbenzylphthalate	20.668	149	1446288	72.172	ng		90
81) Benzo(a)anthracene	21.527	228	3591347	63.739	ng		99
82) 3,3'-Dichlorobenzidine	21.462	252	1177009	62.588	ng		99
83) Chrysene	21.586	228	3367876	61.112	ng		99
84) Bis(2-ethylhexyl)phtha...	21.433	149	2184058	77.990	ng		98
85) Di-n-octyl phthalate	22.368	149	3540252	70.994	ng	#	94
87) Indeno(1,2,3-cd)pyrene	26.521	276	2983675	56.168	ng		99
88) Benzo(b)fluoranthene	23.233	252	3218924	71.329	ng		98
89) Benzo(k)fluoranthene	23.280	252	3183267	67.976	ng		99
90) Benzo(a)pyrene	23.868	252	2962609	66.855	ng		100
91) Dibenzo(a,h)anthracene	26.527	278	2571443	58.643	ng		100
92) Benzo(g,h,i)perylene	27.303	276	2255589	50.761	ng		99

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

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