Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052323\
Data File : BM039970.D
Acq On : 23 May 2023 13:01
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 24 00:28:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 24 00:17:53 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.022	152	315079	20.000	ng		0.00
21) Naphthalene-d8	10.833	136	1297475	20.000	ng		0.00
39) Acenaphthene-d10	14.657	164	738450	20.000	ng		0.00
64) Phenanthrene-d10	17.398	188	1432811	20.000	ng		0.00
76) Chrysene-d12	21.574	240	1383639	20.000	ng		0.00
86) Perylene-d12	24.021	264	1301141	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.563	112	1986252	96.699	ng		0.00
7) Phenol-d6	7.175	99	2634414	98.319	ng		0.00
23) Nitrobenzene-d5	9.186	82	2470759	102.755	ng		0.00
42) 2,4,6-Tribromophenol	16.139	330	1106133	115.408	ng		0.00
45) 2-Fluorobiphenyl	13.286	172	6233401	99.563	ng		0.00
79) Terphenyl-d14	20.015	244	9471967	106.293	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.422	88	378902	45.677	ng		100
3) Pyridine	3.828	79	1125161m	49.430	ng		
4) n-Nitrosodimethylamine	3.740	42	459392	47.480	ng		100
6) Aniline	7.339	93	1644482	49.600	ng		99
8) 2-Chlorophenol	7.581	128	1059808	49.017	ng		98
9) Benzaldehyde	7.151	77	553536	42.735	ng		99
10) Phenol	7.198	94	1311778	48.840	ng		99
11) bis(2-Chloroethyl)ether	7.439	93	1065864	48.181	ng		100
12) 1,3-Dichlorobenzene	7.910	146	1091251	47.661	ng		99
13) 1,4-Dichlorobenzene	8.057	146	1114175	47.827	ng		99
14) 1,2-Dichlorobenzene	8.375	146	1097507	48.046	ng		100
15) Benzyl Alcohol	8.257	79	897762	51.978	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.557	45	1373412	48.397	ng		99
17) 2-Methylphenol	8.457	107	968389	50.395	ng		99
18) Hexachloroethane	9.110	117	420378	49.775	ng		98
19) n-Nitroso-di-n-propyla...	8.833	70	835467	53.834	ng		99
20) 3+4-Methylphenols	8.792	107	1300416	51.284	ng		98
22) Acetophenone	8.845	105	1726933	49.312	ng	#	99
24) Nitrobenzene	9.233	77	1237103	50.721	ng		100
25) Isophorone	9.757	82	2320111	52.910	ng		99
26) 2-Nitrophenol	9.945	139	520387	60.296	ng		97
27) 2,4-Dimethylphenol	9.998	122	1015977	51.684	ng		100
28) bis(2-Chloroethoxy)met...	10.245	93	1441779	50.151	ng		99
29) 2,4-Dichlorophenol	10.475	162	966492	51.894	ng		99
30) 1,2,4-Trichlorobenzene	10.698	180	1001312	49.109	ng		100
31) Naphthalene	10.886	128	3523258	49.215	ng		100
32) Benzoic acid	10.139	122	650511	48.925	ng		97
33) 4-Chloroaniline	10.992	127	1565957	51.910	ng		99
34) Hexachlorobutadiene	11.174	225	567170	49.559	ng		99
35) Caprolactam	11.780	113	304209	57.844	ng		93
36) 4-Chloro-3-methylphenol	12.110	107	1037203	53.880	ng		100
37) 2-Methylnaphthalene	12.492	142	2435489	51.040	ng		99
38) 1-Methylnaphthalene	12.710	142	2270508	50.832	ng		100
40) 1,2,4,5-Tetrachloroben...	12.857	216	1128865	48.333	ng		99
41) Hexachlorocyclopentadiene	12.839	237	613598	50.784	ng		100
43) 2,4,6-Trichlorophenol	13.092	196	722732	50.982	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.157	196	867691	51.423	ng	99
46) 1,1'-Biphenyl	13.492	154	3096583	48.979	ng	99
47) 2-Chloronaphthalene	13.539	162	2321906	49.201	ng	99
48) 2-Nitroaniline	13.733	65	650261	50.770	ng	99
49) Acenaphthylene	14.380	152	3780500	51.172	ng	100
50) Dimethylphthalate	14.115	163	2863590	51.441	ng	100
51) 2,6-Dinitrotoluene	14.227	165	579409	54.409	ng	100
52) Acenaphthene	14.721	154	2451142m	50.779	ng	
53) 3-Nitroaniline	14.557	138	699626	55.536	ng	96
54) 2,4-Dinitrophenol	14.757	184	269350	48.922	ng	98
55) Dibenzofuran	15.051	168	3569059	50.085	ng	99
56) 4-Nitrophenol	14.851	139	554166	56.867	ng	97
57) 2,4-Dinitrotoluene	15.009	165	765973	49.803	ng	99
58) Fluorene	15.698	166	3132264	52.876	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.274	232	669613	53.363	ng	99
60) Diethylphthalate	15.474	149	2942943	53.485	ng	99
61) 4-Chlorophenyl-phenyle...	15.692	204	1541822	53.199	ng	98
62) 4-Nitroaniline	15.721	138	757921	57.769	ng	98
63) Azobenzene	15.986	77	2836044	51.698	ng	98
65) 4,6-Dinitro-2-methylph...	15.774	198	372547	47.308	ng	92
66) n-Nitrosodiphenylamine	15.909	169	2494982	50.636	ng	98
67) 4-Bromophenyl-phenylether	16.586	248	800288	50.550	ng	98
68) Hexachlorobenzene	16.703	284	900105	49.751	ng	94
69) Atrazine	16.856	200	653267	53.301	ng	99
70) Pentachlorophenol	17.045	266	618874	52.107	ng	98
71) Phenanthrene	17.439	178	4273759	49.867	ng	100
72) Anthracene	17.533	178	4460863	52.534	ng	100
73) Carbazole	17.798	167	4013281	52.313	ng	100
74) Di-n-butylphthalate	18.368	149	4858472	49.419	ng	100
75) Fluoranthene	19.450	202	4623415	54.127	ng	99
77) Benzidine	19.633	184	1027006	47.798	ng	99
78) Pyrene	19.809	202	4912790	48.388	ng	100
80) Butylbenzylphthalate	20.709	149	1992581	47.751	ng	90
81) Benzo(a)anthracene	21.556	228	5053368	51.591	ng	99
82) 3,3'-Dichlorobenzidine	21.486	252	1591766	54.402	ng	100
83) Chrysene	21.615	228	4789040	50.957	ng	99
84) Bis(2-ethylhexyl)phtha...	21.486	149	3301022	49.495	ng	98
85) Di-n-octyl phthalate	22.433	149	5010434	48.902	ng	98
87) Indeno(1,2,3-cd)pyrene	26.591	276	5514422	53.294	ng	97
88) Benzo(b)fluoranthene	23.280	252	4422568	53.089	ng	99
89) Benzo(k)fluoranthene	23.327	252	4724103	51.855	ng	98
90) Benzo(a)pyrene	23.921	252	4265483	53.392	ng	99
91) Dibenzo(a,h)anthracene	26.603	278	4805885	53.799	ng	98
92) Benzo(g,h,i)perylene	27.373	276	4107618	52.027	ng	98

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

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