Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051223\
Data File : BM039919.D
Acq On : 12 May 2023 15:24
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

Quant Time: May 13 02:08:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 13 02:01:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.037	152	575073	20.000	ng		0.00
21) Naphthalene-d8	10.854	136	2401244	20.000	ng		0.00
39) Acenaphthene-d10	14.671	164	1411420	20.000	ng		0.00
64) Phenanthrene-d10	17.412	188	2700837	20.000	ng		0.00
76) Chrysene-d12	21.583	240	2128156	20.000	ng		0.00
86) Perylene-d12	24.047	264	1681773	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.578	112	4175990	118.010	ng		0.00
7) Phenol-d6	7.189	99	5722866	121.373	ng		0.00
23) Nitrobenzene-d5	9.207	82	5451955	132.975	ng		0.00
42) 2,4,6-Tribromophenol	16.160	330	3234296	120.716	ng		0.00
45) 2-Fluorobiphenyl	13.301	172	13706002	124.217	ng		0.00
79) Terphenyl-d14	20.024	244	13790747	117.281	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.431	88	726552	54.341	ng		97
3) Pyridine	3.837	79	2231778m	58.952	ng		
4) n-Nitrosodimethylamine	3.754	42	752759	55.252	ng		92
6) Aniline	7.360	93	3561559	60.736	ng		98
8) 2-Chlorophenol	7.595	128	2437790	61.573	ng		98
9) Benzaldehyde	7.166	77	1126330m	58.627	ng		
10) Phenol	7.219	94	2836531	59.866	ng		99
11) bis(2-Chloroethyl)ether	7.460	93	2348656	59.193	ng		98
12) 1,3-Dichlorobenzene	7.925	146	2446452	59.709	ng		99
13) 1,4-Dichlorobenzene	8.072	146	2501297	59.518	ng		99
14) 1,2-Dichlorobenzene	8.395	146	2467957	59.390	ng		98
15) Benzyl Alcohol	8.278	79	1996104	63.557	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.572	45	2491909	56.563	ng		99
17) 2-Methylphenol	8.478	107	2128076	61.131	ng		99
18) Hexachloroethane	9.131	117	908243	62.115	ng		94
19) n-Nitroso-di-n-propyla...	8.860	70	1929108	61.643	ng		96
20) 3+4-Methylphenols	8.813	107	2872626	62.066	ng		99
22) Acetophenone	8.866	105	3878687	61.244	ng	#	98
24) Nitrobenzene	9.248	77	2642275	63.748	ng		100
25) Isophorone	9.778	82	5248842	62.161	ng		99
26) 2-Nitrophenol	9.960	139	1171905	62.316	ng		96
27) 2,4-Dimethylphenol	10.019	122	2346139	65.323	ng		98
28) bis(2-Chloroethoxy)met...	10.266	93	3221672	62.255	ng		100
29) 2,4-Dichlorophenol	10.495	162	2316877	67.910	ng		97
30) 1,2,4-Trichlorobenzene	10.719	180	2416666	64.790	ng		98
31) Naphthalene	10.907	128	8036845	61.688	ng		99
32) Benzoic acid	10.183	122	1481487	60.629	ng		98
33) 4-Chloroaniline	11.013	127	3643004	63.886	ng		99
34) Hexachlorobutadiene	11.195	225	1392850	65.515	ng		99
35) Caprolactam	11.807	113	699470	68.233	ng		93
36) 4-Chloro-3-methylphenol	12.130	107	2364834	64.845	ng		98
37) 2-Methylnaphthalene	12.507	142	6002634	64.677	ng		99
38) 1-Methylnaphthalene	12.724	142	5653301	64.663	ng		100
40) 1,2,4,5-Tetrachloroben...	12.871	216	2893402	67.954	ng		99
41) Hexachlorocyclopentadiene	12.860	237	1452625	62.706	ng		99
43) 2,4,6-Trichlorophenol	13.107	196	1823638	70.104	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.177	196	2132672	69.487	ng	97
46) 1,1'-Biphenyl	13.513	154	7478329	63.959	ng	99
47) 2-Chloronaphthalene	13.554	162	5540748	63.887	ng	99
48) 2-Nitroaniline	13.754	65	1359462	60.684	ng	94
49) Acenaphthylene	14.395	152	9003765	64.379	ng	100
50) Dimethylphthalate	14.136	163	7121086	64.698	ng	99
51) 2,6-Dinitrotoluene	14.248	165	1425720	61.069	ng	97
52) Acenaphthene	14.736	154	5935447m	65.142	ng	
53) 3-Nitroaniline	14.577	138	1624919	60.535	ng	93
54) 2,4-Dinitrophenol	14.777	184	571001	61.234	ng	91
55) Dibenzofuran	15.071	168	8599621	63.321	ng	98
56) 4-Nitrophenol	14.871	139	1266533	66.313	ng	95
57) 2,4-Dinitrotoluene	15.030	165	1868577	60.328	ng	91
58) Fluorene	15.718	166	7825967	65.580	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.289	232	1758732	69.679	ng	96
60) Diethylphthalate	15.495	149	7320111	64.502	ng	98
61) 4-Chlorophenyl-phenyle...	15.712	204	4001194	67.565	ng	96
62) 4-Nitroaniline	15.742	138	1716592	59.954	ng	99
63) Azobenzene	16.007	77	6434410	59.264	ng	97
65) 4,6-Dinitro-2-methylph...	15.789	198	841727	61.689	ng	99
66) n-Nitrosodiphenylamine	15.930	169	6283304	67.507	ng	99
67) 4-Bromophenyl-phenylether	16.607	248	2199177	69.981	ng	97
68) Hexachlorobenzene	16.718	284	2538561	68.611	ng	97
69) Atrazine	16.877	200	1625111	68.330	ng	98
70) Pentachlorophenol	17.059	266	1662660	69.516	ng	99
71) Phenanthrene	17.459	178	10430836	65.419	ng	98
72) Anthracene	17.548	178	10746861	67.351	ng	98
73) Carbazole	17.818	167	9427750	65.463	ng	99
74) Di-n-butylphthalate	18.383	149	10967722	67.558	ng	97
75) Fluoranthene	19.465	202	10609395	66.262	ng	95
77) Benzidine	19.648	184	1863194	65.100	ng	99
78) Pyrene	19.824	202	11087107	73.386	ng	96
80) Butylbenzylphthalate	20.724	149	4076494	63.069	ng	98
81) Benzo(a)anthracene	21.571	228	9746987	66.670	ng	98
82) 3,3'-Dichlorobenzidine	21.500	252	2911744	60.072	ng	100
83) Chrysene	21.624	228	9110229	66.151	ng	98
84) Bis(2-ethylhexyl)phtha...	21.506	149	6780046	63.679	ng	98
85) Di-n-octyl phthalate	22.459	149	9081187	62.693	ng	99
87) Indeno(1,2,3-cd)pyrene	26.629	276	8679196	72.910	ng	100
88) Benzo(b)fluoranthene	23.300	252	7712961	70.235	ng	100
89) Benzo(k)fluoranthene	23.353	252	8249485	69.631	ng	100
90) Benzo(a)pyrene	23.941	252	7164599	70.586	ng	99
91) Dibenzo(a,h)anthracene	26.647	278	7567940	73.294	ng	100
92) Benzo(g,h,i)perylene	27.418	276	6441718	72.438	ng	100

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

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