Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082022\
Data File : BG054673.D
Acq On : 19 Aug 2022 21:54
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 21 23:22:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 21 23:16:14 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.165	152	86232	20.000	ng		0.00
21) Naphthalene-d8	10.991	136	340386	20.000	ng		0.00
39) Acenaphthene-d10	14.792	164	217129	20.000	ng		0.00
64) Phenanthrene-d10	17.542	188	461051	20.000	ng		0.00
76) Chrysene-d12	21.843	240	416968	20.000	ng		0.01
86) Perylene-d12	25.216	264	455705	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.697	112	700358	169.574	ng		0.00
7) Phenol-d6	7.313	99	995545	175.914	ng		0.01
23) Nitrobenzene-d5	9.346	82	944294	151.074	ng		0.01
42) 2,4,6-Tribromophenol	16.285	330	369824	81.121	ng		0.01
45) 2-Fluorobiphenyl	13.423	172	1931068	125.462	ng		0.00
79) Terphenyl-d14	20.145	244	2469671	117.499	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.547	88	168256	102.401	ng		100
3) Pyridine	3.958	79	443656	106.438	ng		98
4) n-Nitrosodimethylamine	3.876	42	214629	92.088	ng		98
6) Aniline	7.489	93	614823	94.118	ng		96
8) 2-Chlorophenol	7.724	128	388787	81.913	ng		100
10) Phenol	7.342	94	509052	90.534	ng		98
11) bis(2-Chloroethyl)ether	7.583	93	414996	101.226	ng		100
12) 1,3-Dichlorobenzene	8.053	146	442843	76.577	ng		97
13) 1,4-Dichlorobenzene	8.200	146	447484	74.930	ng		99
14) 1,2-Dichlorobenzene	8.523	146	423248	75.155	ng		98
15) Benzyl Alcohol	8.406	79	385147	82.746	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.688	45	655297	126.916	ng		99
17) 2-Methylphenol	8.600	107	364602	89.965	ng		98
18) Hexachloroethane	9.258	117	164042	82.957	ng		96
19) n-Nitroso-di-n-propyla...	8.987	70	347210	91.876	ng		98
20) 3+4-Methylphenols	8.940	107	511683	89.608	ng		97
22) Acetophenone	8.999	105	625244	76.373	ng	#	98
24) Nitrobenzene	9.387	77	483679	79.180	ng		100
25) Isophorone	9.916	82	912641	83.954	ng		99
27) 2,4-Dimethylphenol	10.145	122	362513	85.226	ng		99
28) bis(2-Chloroethoxy)met...	10.386	93	500745	91.331	ng		95
29) 2,4-Dichlorophenol	10.627	162	400990	62.456	ng		99
30) 1,2,4-Trichlorobenzene	10.844	180	444241	55.868	ng		98
31) Naphthalene	11.044	128	1296536	75.880	ng		97
32) Benzoic acid	10.351	122	309067	227.787	ng		98
33) 4-Chloroaniline	11.144	127	558806	80.421	ng		97
34) Hexachlorobutadiene	11.314	225	291711	41.512	ng		98
35) Caprolactam	11.966	113	135281m	83.682	ng		
36) 4-Chloro-3-methylphenol	12.254	107	425417	72.834	ng		99
37) 2-Methylnaphthalene	12.636	142	922182	70.280	ng		98
38) 1-Methylnaphthalene	12.854	142	892374	69.794	ng		99
40) 1,2,4,5-Tetrachloroben...	12.995	216	495728	52.112	ng		99
41) Hexachlorocyclopentadiene	12.971	237	284315	127.394	ng		99
43) 2,4,6-Trichlorophenol	13.230	196	339244	65.496	ng		98
44) 2,4,5-Trichlorophenol	13.300	196	363639	62.135	ng		99
46) 1,1'-Biphenyl	13.635	154	1143410	76.974	ng		96

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47)	2-Chloronaphthalene	13.682	162	877703	70.604	ng	97
48)	2-Nitroaniline	13.882	65	295467	91.072	ng	99
49)	Acenaphthylene	14.522	152	1412219	76.452	ng	96
50)	Dimethylphthalate	14.258	163	1130284	66.644	ng	97
51)	2,6-Dinitrotoluene	14.369	165	249385	67.040	ng	98
52)	Acenaphthene	14.863	154	932502m	83.367	ng	
53)	3-Nitroaniline	14.704	138	281648	90.528	ng	96
54)	2,4-Dinitrophenol	14.898	184	116231	64.307	ng	92
55)	Dibenzofuran	15.192	168	1303426	65.491	ng	96
56)	4-Nitrophenol	14.992	139	220102	106.038	ng	94
57)	2,4-Dinitrotoluene	15.151	165	340930	63.930	ng	99
58)	Fluorene	15.844	166	1077131	65.825	ng	97
59)	2,3,4,6-Tetrachlorophenol	15.409	232	320836	56.309	ng	99
60)	Diethylphthalate	15.609	149	1115850	68.584	ng	95
61)	4-Chlorophenyl-phenyle...	15.827	204	553374	51.518	ng	95
62)	4-Nitroaniline	15.874	138	276934	84.725	ng	97
63)	Azobenzene	16.126	77	1068821	90.919	ng	98
65)	4,6-Dinitro-2-methylph...	15.915	198	166135	58.326	ng	98
66)	n-Nitrosodiphenylamine	16.044	169	964926	83.827	ng	98
67)	4-Bromophenyl-phenylether	16.725	248	359566	55.530	ng	99
68)	Hexachlorobenzene	16.837	284	420148	56.739	ng	94
69)	Atrazine	16.990	200	288997	56.419	ng	99
70)	Pentachlorophenol	17.178	266	262096	90.458	ng	99
71)	Phenanthrene	17.583	178	1668528	72.671	ng	94
72)	Anthracene	17.677	178	1633421	72.496	ng	94
73)	Carbazole	17.942	167	1487751	80.204	ng	95
74)	Di-n-butylphthalate	18.494	149	1748954	79.897	ng	96
75)	Fluoranthene	19.587	202	1932270	61.737	ng	94
77)	Benzidine	19.763	184	396549	52.512	ng	99
78)	Pyrene	19.951	202	1932842	80.787	ng	93
80)	Butylbenzylphthalate	20.827	149	844011	113.201	ng	94
81)	Benzo(a)anthracene	21.820	228	1997380	75.462	ng	93
82)	3,3'-Dichlorobenzidine	21.725	252	579134	70.353	ng	99
83)	Chrysene	21.890	228	1866486	74.639	ng	92
84)	Bis(2-ethylhexyl)phtha...	21.714	149	1196506	113.412	ng	95
85)	Di-n-octyl phthalate	22.983	149	2047603	113.766	ng	97
87)	Indeno(1,2,3-cd)pyrene	29.123	276	2679402	77.288	ng	99
88)	Benzo(b)fluoranthene	24.146	252	2083296	77.303	ng	97
89)	Benzo(k)fluoranthene	24.223	252	2068136	77.109	ng	96
90)	Benzo(a)pyrene	25.063	252	1819547	79.058	ng	97
91)	Dibenzo(a,h)anthracene	29.205	278	2130547	74.739	ng	98
92)	Benzo(g,h,i)perylene	30.362	276	2168067	77.059	ng	98

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

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