Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040822\
Data File : BG053083.D
Acq On : 8 Apr 2022 14:24
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

Quant Time: Apr 08 15:14:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 14:56:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.125	152	31987	20.000	ng		0.00
21) Naphthalene-d8	10.939	136	125867	20.000	ng		0.00
39) Acenaphthene-d10	14.745	164	94584	20.000	ng		0.00
64) Phenanthrene-d10	17.489	188	218216	20.000	ng		0.00
76) Chrysene-d12	21.777	240	204634	20.000	ng		0.00
86) Perylene-d12	25.078	264	214493	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.681	112	279910	152.395	ng		0.00
7) Phenol-d6	7.285	99	450341	162.632	ng		0.00
23) Nitrobenzene-d5	9.294	82	494384	197.139	ng		0.00
42) 2,4,6-Tribromophenol	16.237	330	242777	191.019	ng		0.00
45) 2-Fluorobiphenyl	13.371	172	1078049	168.100	ng		0.00
79) Terphenyl-d14	20.097	244	1847654	160.613	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.566	88	64413	70.106	ng		97
3) Pyridine	3.966	79	189937m	80.644	ng		
4) n-Nitrosodimethylamine	3.878	42	93001	89.010	ng		80
6) Aniline	7.443	93	259986	80.073	ng		94
8) 2-Chlorophenol	7.690	128	154001	79.795	ng		92
9) Benzaldehyde	7.255	77	119687m	70.373	ng		
10) Phenol	7.314	94	220744	80.757	ng		89
11) bis(2-Chloroethyl)ether	7.537	93	159555	77.295	ng		96
12) 1,3-Dichlorobenzene	8.013	146	176067	75.769	ng		95
13) 1,4-Dichlorobenzene	8.160	146	180530	77.324	ng		98
14) 1,2-Dichlorobenzene	8.483	146	170564	77.246	ng		98
15) Benzyl Alcohol	8.360	79	205746	88.244	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.648	45	258622	71.944	ng		97
17) 2-Methylphenol	8.565	107	150298	82.481	ng		94
18) Hexachloroethane	9.212	117	70518	82.323	ng		97
19) n-Nitroso-di-n-propyla...	8.930	70	167109	85.207	ng	#	95
20) 3+4-Methylphenols	8.894	107	217148	85.151	ng		93
22) Acetophenone	8.947	105	280884	86.234	ng	#	93
24) Nitrobenzene	9.329	77	239083	95.282	ng	#	90
25) Isophorone	9.858	82	426013	87.732	ng	#	96
26) 2-Nitrophenol	10.046	139	103080	118.296	ng		93
27) 2,4-Dimethylphenol	10.099	122	144216	80.898	ng		89
28) bis(2-Chloroethoxy)met...	10.334	93	236495	82.367	ng		98
29) 2,4-Dichlorophenol	10.580	162	187418	93.431	ng		99
30) 1,2,4-Trichlorobenzene	10.798	180	208656	88.176	ng		96
31) Naphthalene	10.992	128	534259	82.083	ng		100
33) 4-Chloroaniline	11.091	127	234963	85.173	ng		96
34) Hexachlorobutadiene	11.273	225	152525	89.899	ng		98
35) Caprolactam	11.890	113	65670	119.894	ng		92
36) 4-Chloro-3-methylphenol	12.208	107	219080	94.051	ng		93
37) 2-Methylnaphthalene	12.583	142	399692	83.852	ng	#	94
38) 1-Methylnaphthalene	12.801	142	390678	83.980	ng		95
40) 1,2,4,5-Tetrachloroben...	12.954	216	260297	88.087	ng		99
41) Hexachlorocyclopentadiene	12.930	237	152554	87.095	ng		95
43) 2,4,6-Trichlorophenol	13.189	196	185105	97.816	ng		99
44) 2,4,5-Trichlorophenol	13.265	196	196108	102.099	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	13.582	154	546588	82.634	ng		98
47)	2-Chloronaphthalene	13.629	162	435589	83.620	ng		96
48)	2-Nitroaniline	13.829	65	169262	118.812	ng		94
49)	Acenaphthylene	14.475	152	680841	81.991	ng		98
50)	Dimethylphthalate	14.199	163	597897	85.054	ng		100
51)	2,6-Dinitrotoluene	14.316	165	125067	105.377	ng	#	82
52)	Acenaphthene	14.816	154	480783m	90.377	ng		
53)	3-Nitroaniline	14.651	138	133945	96.446	ng		92
54)	2,4-Dinitrophenol	14.851	184	90067	139.219	ng	#	83
55)	Dibenzofuran	15.145	168	714272	82.219	ng		97
56)	4-Nitrophenol	14.957	139	106287	93.820	ng	#	72
57)	2,4-Dinitrotoluene	15.104	165	181908	110.464	ng		91
58)	Fluorene	15.797	166	568375	80.262	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.374	232	191514	93.283	ng		99
60)	Diethylphthalate	15.556	149	613006	82.613	ng		99
61)	4-Chlorophenyl-phenyle...	15.779	204	328708	84.167	ng		97
62)	4-Nitroaniline	15.814	138	140423	95.690	ng	#	78
63)	Azobenzene	16.073	77	625035	78.809	ng		97
65)	4,6-Dinitro-2-methylph...	15.873	198	136404	140.212	ng		96
66)	n-Nitrosodiphenylamine	15.997	169	509341	82.907	ng		98
67)	4-Bromophenyl-phenylether	16.672	248	231640	88.047	ng		95
68)	Hexachlorobenzene	16.801	284	248250	87.788	ng		95
69)	Atrazine	16.936	200	183600	81.049	ng		97
70)	Pentachlorophenol	17.142	266	151276	86.229	ng		91
71)	Phenanthrene	17.536	178	946464	81.075	ng		99
72)	Anthracene	17.624	178	929942	80.581	ng		99
73)	Carbazole	17.894	167	888754	77.759	ng		99
74)	Di-n-butylphthalate	18.440	149	1004967	80.486	ng		96
75)	Fluoranthene	19.539	202	1170068	78.959	ng		98
77)	Benzidine	19.709	184	520754	98.667	ng		99
78)	Pyrene	19.903	202	1157343	81.533	ng		100
80)	Butylbenzylphthalate	20.778	149	444222	88.222	ng		99
81)	Benzo(a)anthracene	21.759	228	1116124	81.454	ng		98
82)	3,3'-Dichlorobenzidine	21.665	252	424899	87.810	ng		100
83)	Chrysene	21.830	228	1045048	81.125	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.648	149	598121	87.346	ng		100
85)	Di-n-octyl phthalate	22.887	149	1008556	88.472	ng		96
87)	Indeno(1,2,3-cd)pyrene	28.885	276	1316074	89.642	ng	#	97
88)	Benzo(b)fluoranthene	24.033	252	1094762	82.202	ng		97
89)	Benzo(k)fluoranthene	24.109	252	1075473	82.077	ng		97
90)	Benzo(a)pyrene	24.937	252	936796	83.099	ng		99
91)	Dibenzo(a,h)anthracene	28.950	278	1065274	88.058	ng		96
92)	Benzo(g,h,i)perylene	30.077	276	1051409	87.839	ng		97

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

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