Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061522\
Data File : BG053923.D
Acq On : 15 Jun 2022 17:54
Operator : CG/JU
Sample : N3143-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20220392-SB-8-(DISCRETE-COMP-G)MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/16/2022
Supervised By :mohammad ahmed 06/22/2022

Quant Time: Jun 16 01:23:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 15:49:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.088	152	19156	20.000	ng		# 0.00
21) Naphthalene-d8	10.897	136	73767	20.000	ng		# 0.00
39) Acenaphthene-d10	14.710	164	58245	20.000	ng		0.00
64) Phenanthrene-d10	17.448	188	158592	20.000	ng		# 0.00
76) Chrysene-d12	21.725	240	183097	20.000	ng		0.00
86) Perylene-d12	24.986	264	196130	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.650	112	130367	130.116	ng		0.00
7) Phenol-d6	7.236	99	170501	125.443	ng		0.00
23) Nitrobenzene-d5	9.246	82	109572	83.473	ng		0.00
42) 2,4,6-Tribromophenol	16.191	330	134006	143.198	ng		0.00
45) 2-Fluorobiphenyl	13.335	172	317353	79.230	ng		0.00
79) Terphenyl-d14	20.057	244	731891	80.509	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.541	88	17053	38.935	ng		90
3) Pyridine	3.934	79	42857	36.668	ng		95
4) n-Nitrosodimethylamine	3.846	42	27780	54.036	ng		85
6) Aniline	7.407	93	68356	42.418	ng		100
8) 2-Chlorophenol	7.648	128	57900	54.122	ng		91
9) Benzaldehyde	7.219	77	32633	40.681	ng		83
10) Phenol	7.266	94	71452	51.872	ng		98
11) bis(2-Chloroethyl)ether	7.495	93	50278	47.554	ng		97
12) 1,3-Dichlorobenzene	7.977	146	65078	48.547	ng		91
13) 1,4-Dichlorobenzene	8.118	146	65389	48.560	ng		96
14) 1,2-Dichlorobenzene	8.441	146	63047	48.773	ng		98
15) Benzyl Alcohol	8.317	79	55679	54.810	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.611	45	72258	45.718	ng		99
17) 2-Methylphenol	8.517	107	48533	50.719	ng		90
18) Hexachloroethane	9.175	117	22429	50.210	ng	#	71
19) n-Nitroso-di-n-propyla...	8.887	70	42983	47.071	ng		92
20) 3+4-Methylphenols	8.846	107	67960	50.643	ng		97
22) Acetophenone	8.905	105	86636	48.317	ng	#	96
24) Nitrobenzene	9.287	77	65254	50.481	ng	#	87
25) Isophorone	9.810	82	121910	49.727	ng	#	94
26) 2-Nitrophenol	9.998	139	31362	54.930	ng	#	85
27) 2,4-Dimethylphenol	10.057	122	56443	61.078	ng		96
28) bis(2-Chloroethoxy)met...	10.292	93	69870	52.904	ng		97
29) 2,4-Dichlorophenol	10.538	162	67384	54.385	ng		90
30) 1,2,4-Trichlorobenzene	10.756	180	77611	50.588	ng	#	94
31) Naphthalene	10.944	128	171775	46.127	ng		99
32) Benzoic acid	10.215	122	18963m	47.312	ng		
33) 4-Chloroaniline	11.044	127	35863	23.214	ng		92
34) Hexachlorobutadiene	11.238	225	61616	52.239	ng		98
35) Caprolactam	11.813	113	20183m	59.172	ng		
36) 4-Chloro-3-methylphenol	12.160	107	65197	54.130	ng	#	84
37) 2-Methylnaphthalene	12.542	142	131467	47.716	ng		97
38) 1-Methylnaphthalene	12.759	142	126555	47.174	ng		98
40) 1,2,4,5-Tetrachloroben...	12.912	216	111780	49.806	ng		95
41) Hexachlorocyclopentadiene	12.894	237	143589	137.399	ng		96
43) 2,4,6-Trichlorophenol	13.141	196	67868	53.834	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.218	196	74163	52.686	ng	#	93
46) 1,1'-Biphenyl	13.547	154	193208	47.622	ng		97
47) 2-Chloronaphthalene	13.588	162	158874	48.387	ng		95
48) 2-Nitroaniline	13.782	65	45455	52.043	ng		89
49) Acenaphthylene	14.434	152	253681	49.687	ng		98
50) Dimethylphthalate	14.158	163	219234	49.423	ng		100
51) 2,6-Dinitrotoluene	14.275	165	47861	53.403	ng	#	74
52) Acenaphthene	14.775	154	176448m	54.217	ng		
53) 3-Nitroaniline	14.598	138	28020	32.271	ng		87
54) 2,4-Dinitrophenol	14.810	184	53891	106.422	ng	#	78
55) Dibenzofuran	15.104	168	255338	48.696	ng		94
56) 4-Nitrophenol	14.910	139	70657	114.620	ng		87
57) 2,4-Dinitrotoluene	15.062	165	69973	55.283	ng	#	83
58) Fluorene	15.756	166	206979	48.076	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.327	232	73395	53.317	ng	#	87
60) Diethylphthalate	15.521	149	211716	49.284	ng		94
61) 4-Chlorophenyl-phenyle...	15.744	204	134911	52.343	ng	#	87
62) 4-Nitroaniline	15.768	138	44548	49.197	ng	#	81
63) Azobenzene	16.032	77	166130	48.044	ng		90
65) 4,6-Dinitro-2-methylph...	15.826	198	42592	53.831	ng		81
66) n-Nitrosodiphenylamine	15.956	169	193854	46.901	ng		96
67) 4-Bromophenyl-phenylether	16.637	248	99305	50.135	ng	#	90
68) Hexachlorobenzene	16.760	284	113300	50.006	ng	#	92
69) Atrazine	16.901	200	94097	54.957	ng		94
70) Pentachlorophenol	17.101	266	123100	116.962	ng		99
71) Phenanthrene	17.495	178	377142	46.286	ng		98
72) Anthracene	17.583	178	385241	48.417	ng		98
73) Carbazole	17.847	167	334916	49.039	ng		98
74) Di-n-butylphthalate	18.406	149	381115	48.264	ng		98
75) Fluoranthene	19.498	202	512440	47.909	ng		97
77) Benzidine	19.669	184	275029	72.534	ng		98
78) Pyrene	19.863	202	515774	46.640	ng		98
80) Butylbenzylphthalate	20.744	149	165070	46.569	ng	#	86
81) Benzo(a)anthracene	21.708	228	560251	47.258	ng		98
82) 3,3'-Dichlorobenzidine	21.614	252	111805	31.566	ng		98
83) Chrysene	21.772	228	512288	45.333	ng		96
84) Bis(2-ethylhexyl)phtha...	21.614	149	240409	47.422	ng	#	93
85) Di-n-octyl phthalate	22.842	149	419496	48.144	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.723	276	695679	47.003	ng	#	98
88) Benzo(b)fluoranthene	23.952	252	600150	50.326	ng	#	98
89) Benzo(k)fluoranthene	24.023	252	570004	48.277	ng	#	97
90) Benzo(a)pyrene	24.839	252	570141	56.665	ng		98
91) Dibenzo(a,h)anthracene	28.788	278	597597	48.826	ng		96
92) Benzo(g,h,i)perylene	29.892	276	598779	49.574	ng	#	93

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

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