Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055738.D
Acq On : 22 Nov 2022 13:35
Operator : CG/JU
Sample : N5598-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

Quant Time: Nov 23 01:37:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 23 01:35:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.247	152	43498	20.000	ng		0.00
21) Naphthalene-d8	11.073	136	188551	20.000	ng		0.00
39) Acenaphthene-d10	14.869	164	136132	20.000	ng		0.00
64) Phenanthrene-d10	17.613	188	304588	20.000	ng		0.00
76) Chrysene-d12	21.914	240	274231	20.000	ng		0.00
86) Perylene-d12	25.321	264	284261	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.780	112	321373	133.544	ng		0.00
7) Phenol-d6	7.395	99	389063	121.452	ng		0.00
23) Nitrobenzene-d5	9.422	82	299158	83.860	ng		0.00
42) 2,4,6-Tribromophenol	16.355	330	252784	131.870	ng		0.00
45) 2-Fluorobiphenyl	13.494	172	746819	82.187	ng		0.00
79) Terphenyl-d14	20.198	244	1209365	88.206	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.612	88	37158	36.131	ng	#	17
3) Pyridine	4.029	79	103037	32.659	ng		98
4) n-Nitrosodimethylamine	3.929	42	66277	39.678	ng		94
6) Aniline	7.560	93	64125	15.937	ng		98
8) 2-Chlorophenol	7.807	128	130807	47.548	ng		98
9) Benzaldehyde	7.372	77	62496m	28.726	ng		
10) Phenol	7.419	94	142864	39.830	ng		99
11) bis(2-Chloroethyl)ether	7.648	93	120023	43.664	ng		97
12) 1,3-Dichlorobenzene	8.136	146	138891	42.941	ng		98
13) 1,4-Dichlorobenzene	8.283	146	138936	42.508	ng		97
14) 1,2-Dichlorobenzene	8.606	146	137370	43.860	ng		97
15) Benzyl Alcohol	8.482	79	122882m	47.199	ng		
16) 2,2'-oxybis(1-Chloropr...	8.770	45	218205	43.850	ng		98
17) 2-Methylphenol	8.688	107	115270	45.265	ng		98
18) Hexachloroethane	9.340	117	48891	43.461	ng		100
19) n-Nitroso-di-n-propyla...	9.052	70	105560	42.887	ng		99
20) 3+4-Methylphenols	9.011	107	157255	44.206	ng		99
22) Acetophenone	9.076	105	206788	42.206	ng	#	98
24) Nitrobenzene	9.463	77	156413	41.977	ng		99
25) Isophorone	9.981	82	301576	44.617	ng		98
26) 2-Nitrophenol	10.180	139	78574	45.679	ng		97
27) 2,4-Dimethylphenol	10.227	122	133311m	50.922	ng		
28) bis(2-Chloroethoxy)met...	10.462	93	171240	47.191	ng		99
29) 2,4-Dichlorophenol	10.721	162	142056	45.335	ng		98
30) 1,2,4-Trichlorobenzene	10.932	180	154494	42.439	ng		97
31) Naphthalene	11.126	128	424968	41.693	ng		99
32) Benzoic acid	10.351	122	45737	21.235	ng		97
33) 4-Chloroaniline	11.232	127	16843	4.006	ng		93
34) Hexachlorobutadiene	11.402	225	100955	40.613	ng		95
35) Caprolactam	12.002	113	39529m	36.454	ng		
36) 4-Chloro-3-methylphenol	12.337	107	155939	45.278	ng		98
37) 2-Methylnaphthalene	12.713	142	322681	42.281	ng		99
38) 1-Methylnaphthalene	12.930	142	304540	41.105	ng		100
40) 1,2,4,5-Tetrachloroben...	13.077	216	188865	44.148	ng		99
41) Hexachlorocyclopentadiene	13.053	237	124471	57.729	ng		97
43) 2,4,6-Trichlorophenol	13.312	196	129128	44.249	ng		97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055738.D
Acq On : 22 Nov 2022 13:35
Operator : CG/JU
Sample : N5598-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

Quant Time: Nov 23 01:37:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 23 01:35:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.388	196	141010	43.971	ng		98
46) 1,1'-Biphenyl	13.706	154	436403	43.992	ng		99
47) 2-Chloronaphthalene	13.758	162	333461	43.247	ng		99
48) 2-Nitroaniline	13.952	65	111983	44.174	ng		96
49) Acenaphthylene	14.599	152	545028	42.925	ng		100
50) Dimethylphthalate	14.311	163	447068	41.197	ng		99
51) 2,6-Dinitrotoluene	14.440	165	96977	43.705	ng		100
52) Acenaphthene	14.934	154	354520m	42.721	ng		
53) 3-Nitroaniline	14.769	138	44439	18.244	ng		98
54) 2,4-Dinitrophenol	14.975	184	51339	40.242	ng		98
55) Dibenzofuran	15.268	168	533357	41.663	ng		99
56) 4-Nitrophenol	15.075	139	145422	76.068	ng		96
57) 2,4-Dinitrotoluene	15.221	165	135164	43.206	ng		98
58) Fluorene	15.915	166	421988	41.271	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.492	232	129500	41.675	ng		98
60) Diethylphthalate	15.668	149	448220	40.853	ng		100
61) 4-Chlorophenyl-phenyle...	15.897	204	237119	42.188	ng		97
62) 4-Nitroaniline	15.932	138	98323	38.615	ng		98
63) Azobenzene	16.191	77	399231	41.679	ng		99
65) 4,6-Dinitro-2-methylph...	15.985	198	45434	26.714	ng		98
66) n-Nitrosodiphenylamine	16.109	169	379263	45.182	ng		99
67) 4-Bromophenyl-phenylether	16.790	248	156415	45.071	ng		98
68) Hexachlorobenzene	16.919	284	170924	44.417	ng		98
69) Atrazine	17.049	200	154174	46.440	ng		99
70) Pentachlorophenol	17.260	266	181478	77.093	ng		98
71) Phenanthrene	17.654	178	687050	41.799	ng		100
72) Anthracene	17.748	178	703275	44.036	ng		99
73) Carbazole	18.012	167	624286	43.482	ng		100
74) Di-n-butylphthalate	18.547	149	755115	42.357	ng		100
75) Fluoranthene	19.652	202	773258	38.669	ng		99
77) Benzidine	19.822	184	85242	13.436	ng		97
78) Pyrene	20.016	202	791000	42.614	ng		99
80) Butylbenzylphthalate	20.880	149	314584	43.291	ng		99
81) Benzo(a)anthracene	21.890	228	788152	41.728	ng		100
82) 3,3'-Dichlorobenzidine	21.790	252	134167	20.215	ng		98
83) Chrysene	21.961	228	743543	41.351	ng		99
84) Bis(2-ethylhexyl)phtha...	21.761	149	459987	44.046	ng		99
85) Di-n-octyl phthalate	23.030	149	792973	44.370	ng		100
87) Indeno(1,2,3-cd)pyrene	29.252	276	771955	33.149	ng	#	94
88) Benzo(b)fluoranthene	24.234	252	786535	42.486	ng		99
89) Benzo(k)fluoranthene	24.305	252	829576	44.955	ng		99
90) Benzo(a)pyrene	25.163	252	700373	44.087	ng		99
91) Dibenzo(a,h)anthracene	29.323	278	680636	35.767	ng		100
92) Benzo(g,h,i)perylene	30.492	276	578026	30.137	ng		97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055738.D
Acq On : 22 Nov 2022 13:35
Operator : CG/JU
Sample : N5598-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 23 01:37:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 23 01:35:20 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022