Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082622\
Data File : BG054755.D
Acq On : 26 Aug 2022 14:29
Operator : CG/JU
Sample : N4229-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 27 02:11:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 17:50:55 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MW-106DMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.153	152	47953	20.000	ng		0.00
21) Naphthalene-d8	10.979	136	206257	20.000	ng		0.00
39) Acenaphthene-d10	14.786	164	141469	20.000	ng		0.00
64) Phenanthrene-d10	17.530	188	315911	20.000	ng		0.00
76) Chrysene-d12	21.825	240	288140	20.000	ng		0.00
86) Perylene-d12	25.191	264	305647	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.685	112	192668	69.965	ng		0.00
7) Phenol-d6	7.289	99	168906	44.850	ng		0.00
23) Nitrobenzene-d5	9.328	82	339629	86.442	ng		0.00
42) 2,4,6-Tribromophenol	16.273	330	234111	132.435	ng		0.00
45) 2-Fluorobiphenyl	13.411	172	779977	82.867	ng		0.00
79) Terphenyl-d14	20.127	244	1194677	82.152	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.529	88	24834	18.886	ng		96
3) Pyridine	3.940	79	60108	16.388	ng		99
4) n-Nitrosodimethylamine	3.852	42	32457	20.472	ng		98
6) Aniline	7.465	93	129207	28.876	ng		98
8) 2-Chlorophenol	7.712	128	128730	42.787	ng		99
9) Benzaldehyde	7.283	77	100525	40.726	ng		95
10) Phenol	7.318	94	63145	16.304	ng		98
11) bis(2-Chloroethyl)ether	7.559	93	153691	49.342	ng		99
12) 1,3-Dichlorobenzene	8.041	146	139631	40.104	ng		98
13) 1,4-Dichlorobenzene	8.188	146	140311	39.953	ng		97
14) 1,2-Dichlorobenzene	8.511	146	141673	42.544	ng		99
15) Benzyl Alcohol	8.388	79	94077m	34.578	ng		
16) 2,2'-oxybis(1-Chloropr...	8.676	45	234398	48.092	ng		99
17) 2-Methylphenol	8.587	107	95191	35.699	ng		98
18) Hexachloroethane	9.245	117	49140	38.587	ng		99
19) n-Nitroso-di-n-propyla...	8.958	70	127777	49.339	ng	#	97
20) 3+4-Methylphenols	8.916	107	115926	31.351	ng		96
22) Acetophenone	8.975	105	238825	46.283	ng	#	100
24) Nitrobenzene	9.369	77	174461	44.054	ng		97
25) Isophorone	9.886	82	353226	48.216	ng		100
26) 2-Nitrophenol	10.080	139	83016	47.457	ng		96
27) 2,4-Dimethylphenol	10.127	122	133882	48.305	ng		94
28) bis(2-Chloroethoxy)met...	10.368	93	217760	52.165	ng		99
29) 2,4-Dichlorophenol	10.614	162	142972	45.352	ng		98
30) 1,2,4-Trichlorobenzene	10.838	180	141742	39.344	ng		98
31) Naphthalene	11.032	128	464788	42.001	ng		100
32) Benzoic acid	10.227	122	21421m	16.869	ng		
33) 4-Chloroaniline	11.131	127	135344	30.000	ng		98
34) Hexachlorobutadiene	11.302	225	86319	37.396	ng		97
35) Caprolactam	11.895	113	9519	8.559	ng		88
36) 4-Chloro-3-methylphenol	12.236	107	148377	43.041	ng		100
37) 2-Methylnaphthalene	12.624	142	346765	44.709	ng		99
38) 1-Methylnaphthalene	12.841	142	329064	43.607	ng		99
40) 1,2,4,5-Tetrachloroben...	12.982	216	178516	41.861	ng		99
41) Hexachlorocyclopentadiene	12.965	237	173321	76.636	ng		99
43) 2,4,6-Trichlorophenol	13.217	196	126025	44.523	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.288	196	138523	43.577	ng	99
46) 1,1'-Biphenyl	13.623	154	470560	44.792	ng	98
47) 2-Chloronaphthalene	13.670	162	343965	43.111	ng	99
48) 2-Nitroaniline	13.864	65	118282	47.305	ng	100
49) Acenaphthylene	14.510	152	574528	43.637	ng	99
50) Dimethylphthalate	14.234	163	490819	45.034	ng	100
51) 2,6-Dinitrotoluene	14.357	165	105683	47.407	ng	90
52) Acenaphthene	14.851	154	411927m	48.707	ng	
53) 3-Nitroaniline	14.686	138	78223	31.345	ng	96
54) 2,4-Dinitrophenol	14.886	184	107744	85.168	ng	90
55) Dibenzofuran	15.180	168	549083	44.184	ng	98
56) 4-Nitrophenol	14.974	139	68677	35.562	ng	96
57) 2,4-Dinitrotoluene	15.139	165	148862	48.277	ng	87
58) Fluorene	15.832	166	462455	44.173	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.403	232	121871	42.530	ng	97
60) Diethylphthalate	15.585	149	490766	45.094	ng	98
61) 4-Chlorophenyl-phenyle...	15.814	204	234861	45.476	ng	99
62) 4-Nitroaniline	15.844	138	106169	41.670	ng	97
63) Azobenzene	16.114	77	454156	43.909	ng	97
65) 4,6-Dinitro-2-methylph...	15.896	198	75668	47.055	ng	97
66) n-Nitrosodiphenylamine	16.032	169	405081	44.464	ng	99
67) 4-Bromophenyl-phenylether	16.713	248	162866	46.956	ng	99
68) Hexachlorobenzene	16.831	284	180186	46.212	ng	98
69) Atrazine	16.972	200	160947	50.076	ng	100
70) Pentachlorophenol	17.171	266	197825	93.379	ng	99
71) Phenanthrene	17.571	178	747477	44.417	ng	100
72) Anthracene	17.665	178	749193	45.790	ng	99
73) Carbazole	17.929	167	708841	47.022	ng	99
74) Di-n-butylphthalate	18.476	149	853070	44.721	ng	100
75) Fluoranthene	19.575	202	918979	44.889	ng	100
77) Benzidine	19.751	184	256909	35.997	ng	99
78) Pyrene	19.939	202	920544	45.817	ng	99
80) Butylbenzylphthalate	20.814	149	383503	45.761	ng	96
81) Benzo(a)anthracene	21.801	228	885381	45.319	ng	100
82) 3,3'-Dichlorobenzidine	21.713	252	297887	43.489	ng	98
83) Chrysene	21.872	228	837259	44.822	ng	100
84) Bis(2-ethylhexyl)phtha...	21.690	149	563128	46.638	ng	99
85) Di-n-octyl phthalate	22.953	149	948652	46.329	ng	96
87) Indeno(1,2,3-cd)pyrene	29.063	276	1039588	44.803	ng	98
88) Benzo(b)fluoranthene	24.116	252	950534	49.575	ng	99
89) Benzo(k)fluoranthene	24.187	252	909991	47.159	ng	100
90) Benzo(a)pyrene	25.033	252	809088	49.392	ng	99
91) Dibenzo(a,h)anthracene	29.134	278	912711	48.282	ng	100
92) Benzo(g,h,i)perylene	30.285	276	911372	47.722	ng	98

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

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