Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101421\
Data File : BG050589.D
Acq On : 14 Oct 2021 15:30
Operator : CG/JU
Sample : PB139887BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB139887BS

Manual Integrations APPROVED
mohammad
10/18/2021 8:35:39 AM

Quant Time: Oct 14 16:10:38 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 10:56:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.259	152	45925	20.00	ng		0.00
21) Naphthalene-d8	11.085	136	203517	20.00	ng		# 0.00
39) Acenaphthene-d10	14.880	164	138286	20.00	ng		0.00
64) Phenanthrene-d10	17.624	188	302914	20.00	ng		# 0.00
76) Chrysene-d12	21.925	240	255515	20.00	ng		# 0.00
86) Perylene-d12	25.339	264	255545	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.797	112	379838	123.69	ng		0.00
7) Phenol-d6	7.407	99	516570	116.19	ng		0.00
23) Nitrobenzene-d5	9.434	82	354087	72.02	ng		0.00
42) 2,4,6-Tribromophenol	16.361	330	145397	110.23	ng		0.00
45) 2-Fluorobiphenyl	13.505	172	652811	71.05	ng		0.00
79) Terphenyl-d14	20.209	244	1003204	76.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.652	88	46115	29.00	ng		92
3) Pyridine	4.063	79	112803	25.96	ng		91
4) n-Nitrosodimethylamine	3.975	42	79852	39.00	ng	#	48
6) Aniline	7.577	93	200945	38.90	ng		94
8) 2-Chlorophenol	7.818	128	138653	46.90	ng		91
9) Benzaldehyde	7.389	77	109387	38.89	ng		90
10) Phenol	7.430	94	193886	44.85	ng		86
11) bis(2-Chloroethyl)ether	7.665	93	137760	40.83	ng		83
12) 1,3-Dichlorobenzene	8.147	146	135638	39.74	ng		97
13) 1,4-Dichlorobenzene	8.294	146	136978	39.81	ng		94
14) 1,2-Dichlorobenzene	8.617	146	135257	41.15	ng		95
15) Benzyl Alcohol	8.494	79	157213	44.75	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.781	45	225362	40.96	ng		86
17) 2-Methylphenol	8.693	107	131441	46.21	ng		92
18) Hexachloroethane	9.351	117	52832	40.57	ng		92
19) n-Nitroso-di-n-propyla...	9.063	70	132017	40.74	ng	#	90
20) 3+4-Methylphenols	9.022	107	181023	45.22	ng		97
22) Acetophenone	9.087	105	219009	37.85	ng		97
24) Nitrobenzene	9.475	77	192990	39.48	ng		93
25) Isophorone	9.992	82	340211	39.01	ng	#	96
26) 2-Nitrophenol	10.186	139	76530	42.64	ng	#	92
27) 2,4-Dimethylphenol	10.233	122	145291	46.85	ng		94
28) bis(2-Chloroethoxy)met...	10.468	93	191440	38.39	ng		92
29) 2,4-Dichlorophenol	10.726	162	135160	42.76	ng		97
30) 1,2,4-Trichlorobenzene	10.944	180	134199	37.38	ng		97
31) Naphthalene	11.137	128	423990	38.92	ng		99
32) Benzoic acid	10.374	122	85832	37.29	ng	#	77
33) 4-Chloroaniline	11.237	127	128851	28.19	ng		96
34) Hexachlorobutadiene	11.408	225	83114	36.87	ng		97
35) Caprolactam	12.007	113	51699m	42.74	ng		
36) 4-Chloro-3-methylphenol	12.336	107	168047	42.54	ng	#	90
37) 2-Methylnaphthalene	12.718	142	304053	40.45	ng		94
38) 1-Methylnaphthalene	12.935	142	281840	38.67	ng		93
40) 1,2,4,5-Tetrachloroben...	13.082	216	151865	37.19	ng		97
41) Hexachlorocyclopentadiene	13.053	237	193695	82.07	ng		91
43) 2,4,6-Trichlorophenol	13.311	196	112960	39.25	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.388	196	123533	41.06	ng		93
46) 1,1'-Biphenyl	13.717	154	377887	37.46	ng		94
47) 2-Chloronaphthalene	13.764	162	299432	38.66	ng		98
48) 2-Nitroaniline	13.958	65	130403	42.33	ng		96
49) Acenaphthylene	14.604	152	505034	39.80	ng		97
50) Dimethylphthalate	14.322	163	410885	39.31	ng		99
51) 2,6-Dinitrotoluene	14.445	165	90000	42.99	ng		92
52) Acenaphthene	14.945	154	354411m	43.46	ng		
53) 3-Nitroaniline	14.780	138	78313	31.62	ng		94
54) 2,4-Dinitrophenol	14.986	184	100390	77.29	ng		89
55) Dibenzofuran	15.274	168	473988	37.58	ng		99
56) 4-Nitrophenol	15.074	139	161470	81.06	ng	#	82
57) 2,4-Dinitrotoluene	15.233	165	126841	42.98	ng		93
58) Fluorene	15.920	166	383588	39.60	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.491	232	101804	38.85	ng		95
60) Diethylphthalate	15.673	149	434623	39.57	ng		98
61) 4-Chlorophenyl-phenyle...	15.908	204	203682	38.43	ng		98
62) 4-Nitroaniline	15.944	138	99157	38.49	ng	#	70
63) Azobenzene	16.202	77	488330	38.41	ng		83
65) 4,6-Dinitro-2-methylph...	15.991	198	69762	38.34	ng		88
66) n-Nitrosodiphenylamine	16.120	169	350065	40.67	ng		96
67) 4-Bromophenyl-phenylether	16.801	248	121365	39.76	ng		97
68) Hexachlorobenzene	16.919	284	125427	41.34	ng	#	91
69) Atrazine	17.060	200	141217	41.65	ng		99
70) Pentachlorophenol	17.266	266	155195	75.15	ng		98
71) Phenanthrene	17.665	178	635315	39.80	ng		98
72) Anthracene	17.753	178	650432	41.01	ng		98
73) Carbazole	18.024	167	599902	37.95	ng		99
74) Di-n-butylphthalate	18.558	149	750272	40.44	ng		97
75) Fluoranthene	19.663	202	761411	38.80	ng		96
77) Benzidine	19.833	184	356378	43.03	ng		97
78) Pyrene	20.021	202	761195	41.99	ng		96
80) Butylbenzylphthalate	20.891	149	324693	42.34	ng		95
81) Benzo(a)anthracene	21.901	228	672746	39.79	ng		99
82) 3,3'-Dichlorobenzidine	21.807	252	196311	35.04	ng	#	99
83) Chrysene	21.972	228	648049	40.75	ng		97
84) Bis(2-ethylhexyl)phtha...	21.778	149	466550	42.82	ng	#	97
85) Di-n-octyl phthalate	23.053	149	798883	43.96	ng		96
87) Indeno(1,2,3-cd)pyrene	29.257	276	747943	42.02	ng	#	88
88) Benzo(b)fluoranthene	24.246	252	692487	44.25	ng	#	93
89) Benzo(k)fluoranthene	24.316	252	655676	42.59	ng	#	97
90) Benzo(a)pyrene	25.174	252	666872	50.12	ng	#	93
91) Dibenzo(a,h)anthracene	29.334	278	632567	42.97	ng	#	93
92) Benzo(g,h,i)perylene	30.503	276	619288	42.95	ng	#	91

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

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