Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042621\
Data File : BG048883.D
Acq On : 26 Apr 2021 18:13
Operator : CG/JU
Sample : M2125-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB-2021-WS-000-07MS

Manual Integrations APPROVED
mohammad
4/27/2021 12:11:03 PM

Quant Time: Apr 27 04:44:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 27 04:39:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.041	152	17642	20.00	ng	0.00
21) Naphthalene-d8	10.861	136	76395	20.00	ng	# 0.00
39) Acenaphthene-d10	14.686	164	50890	20.00	ng	0.00
64) Phenanthrene-d10	17.436	188	131932	20.00	ng	# 0.00
76) Chrysene-d12	21.725	240	125291	20.00	ng	0.00
86) Perylene-d12	24.997	264	127378	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.603	112	165617	157.01	ng	0.00
7) Phenol-d6	7.212	99	194117	130.10	ng	0.00
23) Nitrobenzene-d5	9.210	82	175983	103.13	ng	0.00
42) 2,4,6-Tribromophenol	16.184	330	102784	150.64	ng	0.00
45) 2-Fluorobiphenyl	13.305	172	370084	105.02	ng	0.00
79) Terphenyl-d14	20.044	244	705490	96.91	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.452	88	18343	44.38	ng	# 30
3) Pyridine	3.869	79	43669	40.54	ng	# 93
4) n-Nitrosodimethylamine	3.769	42	41647	50.64	ng	89
6) Aniline	7.359	93	50861	30.37	ng	97
8) 2-Chlorophenol	7.606	128	63629	56.86	ng	91
9) Benzaldehyde	7.171	77	43460	43.96	ng	89
10) Phenol	7.236	94	79842	54.42	ng	94
11) bis(2-Chloroethyl)ether	7.459	93	56618	57.26	ng	92
12) 1,3-Dichlorobenzene	7.929	146	70049	54.44	ng	98
13) 1,4-Dichlorobenzene	8.076	146	69798	53.23	ng	92
14) 1,2-Dichlorobenzene	8.399	146	67387	55.70	ng	90
15) Benzyl Alcohol	8.282	79	73431	55.85	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.570	45	58982	55.03	ng	100
17) 2-Methylphenol	8.493	107	53505	57.12	ng	91
18) Hexachloroethane	9.128	117	27165	52.75	ng	98
19) n-Nitroso-di-n-propyla...	8.846	70	53018	52.67	ng	95
20) 3+4-Methylphenols	8.828	107	69693	53.93	ng	93
22) Acetophenone	8.869	105	100830	50.71	ng	# 94
24) Nitrobenzene	9.257	77	86046	50.55	ng	98
25) Isophorone	9.774	82	142762	47.31	ng	95
26) 2-Nitrophenol	9.974	139	38442	52.18	ng	99
27) 2,4-Dimethylphenol	10.027	122	62952	55.59	ng	91
28) bis(2-Chloroethoxy)met...	10.256	93	74625	56.76	ng	95
29) 2,4-Dichlorophenol	10.514	162	67015	52.47	ng	94
30) 1,2,4-Trichlorobenzene	10.720	180	72367	48.86	ng	90
31) Naphthalene	10.908	128	196963	50.25	ng	96
32) Benzoic acid	10.238	122	6350m	9.57	ng	
33) 4-Chloroaniline	11.020	127	15632	9.58	ng	# 85
34) Hexachlorobutadiene	11.190	225	52839	48.06	ng	96
35) Caprolactam	11.795	113	17352m	39.98	ng	
36) 4-Chloro-3-methylphenol	12.154	107	74915	51.79	ng	# 93
37) 2-Methylnaphthalene	12.512	142	153246	48.92	ng	97
38) 1-Methylnaphthalene	12.735	142	138189	47.41	ng	95
40) 1,2,4,5-Tetrachloroben...	12.882	216	86461	52.20	ng	97
41) Hexachlorocyclopentadiene	12.853	237	49784	56.93	ng	96
43) 2,4,6-Trichlorophenol	13.123	196	54156	48.99	ng	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.205	196	60405	51.45	ng	#	90
46) 1,1'-Biphenyl	13.517	154	202800	53.95	ng		99
47) 2-Chloronaphthalene	13.564	162	155976	54.32	ng		98
48) 2-Nitroaniline	13.769	65	56691	54.94	ng		97
49) Acenaphthylene	14.410	152	243176	54.28	ng		96
50) Dimethylphthalate	14.134	163	213186	55.85	ng	#	99
51) 2,6-Dinitrotoluene	14.263	165	47792	54.27	ng		93
52) Acenaphthene	14.751	154	154464	54.30	ng		99
53) 3-Nitroaniline	14.592	138	23121	27.35	ng		93
54) 2,4-Dinitrophenol	14.809	184	34793	66.75	ng		92
55) Dibenzofuran	15.086	168	246455	52.34	ng		99
56) 4-Nitrophenol	14.921	139	60223	96.14	ng		99
57) 2,4-Dinitrotoluene	15.050	165	67782	53.00	ng		98
58) Fluorene	15.738	166	207886	53.75	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.315	232	48269	44.44	ng		95
60) Diethylphthalate	15.497	149	217242	55.01	ng		99
61) 4-Chlorophenyl-phenyle...	15.720	204	110743	52.07	ng	#	94
62) 4-Nitroaniline	15.761	138	45531	50.37	ng		97
63) Azobenzene	16.014	77	212519	53.44	ng		93
65) 4,6-Dinitro-2-methylph...	15.820	198	35342	40.01	ng		97
66) n-Nitrosodiphenylamine	15.937	169	186201	49.93	ng		99
67) 4-Bromophenyl-phenylether	16.619	248	73861	48.64	ng		94
68) Hexachlorobenzene	16.742	284	79141	51.45	ng		95
69) Atrazine	16.883	200	80288	51.78	ng		97
70) Pentachlorophenol	17.089	266	60849	74.24	ng		97
71) Phenanthrene	17.483	178	348014	50.82	ng		94
72) Anthracene	17.571	178	357693	52.79	ng		97
73) Carbazole	17.841	167	318528	49.08	ng		99
74) Di-n-butylphthalate	18.388	149	387258	53.22	ng		99
75) Fluoranthene	19.492	202	439482	50.75	ng		98
77) Benzidine	19.668	184	81372	23.92	ng		99
78) Pyrene	19.856	202	440637	50.83	ng		99
80) Butylbenzylphthalate	20.726	149	173236	51.11	ng		97
81) Benzo(a)anthracene	21.701	228	419216	48.96	ng		97
82) 3,3'-Dichlorobenzidine	21.613	252	81045	27.60	ng		98
83) Chrysene	21.766	228	399838	49.03	ng		98
84) Bis(2-ethylhexyl)phtha...	21.590	149	240224	50.62	ng		97
85) Di-n-octyl phthalate	22.812	149	408100	50.52	ng		99
87) Indeno(1,2,3-cd)pyrene	28.775	276	465120	49.72	ng	#	59
88) Benzo(b)fluoranthene	23.957	252	427559m	49.48	ng		
89) Benzo(k)fluoranthene	24.028	252	404872	49.82	ng		97
90) Benzo(a)pyrene	24.851	252	399181	50.14	ng		96
91) Dibenzo(a,h)anthracene	28.834	278	391645	48.81	ng	#	94
92) Benzo(g,h,i)perylene	29.962	276	394482	49.80	ng		98

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

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