Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032521\
Data File : BG048499.D
Acq On : 25 Mar 2021 13:01
Operator : CG/JU
Sample : M1779-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-3B1-(3.0-3.5)MS

Manual Integrations APPROVED
mohammad
3/26/2021 1:20:38 PM

Quant Time: Mar 25 14:13:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 25 02:47:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.096	152	44370	20.00	ng		0.00
21) Naphthalene-d8	10.922	136	178768	20.00	ng		0.00
39) Acenaphthene-d10	14.741	164	126344	20.00	ng		0.00
64) Phenanthrene-d10	17.491	188	294110	20.00	ng		# 0.00
76) Chrysene-d12	21.786	240	304302	20.00	ng		# 0.00
86) Perylene-d12	25.112	264	324545	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.652	112	298182	111.13	ng		0.00
7) Phenol-d6	7.256	99	413071	105.80	ng		0.00
23) Nitrobenzene-d5	9.265	82	289877	64.83	ng		0.00
42) 2,4,6-Tribromophenol	16.234	330	209773	102.09	ng		0.00
45) 2-Fluorobiphenyl	13.367	172	585527	66.67	ng		0.00
79) Terphenyl-d14	20.100	244	1077307	63.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.513	88	42413	37.47	ng	#	89
3) Pyridine	3.919	79	122663	38.87	ng	#	85
4) n-Nitrosodimethylamine	3.831	42	78165	42.62	ng	#	67
6) Aniline	7.415	93	70162	15.19	ng		98
8) 2-Chlorophenol	7.662	128	134355	48.02	ng		93
9) Benzaldehyde	7.233	77	123375	63.30	ng	#	78
10) Phenol	7.280	94	191503	47.87	ng		74
11) bis(2-Chloroethyl)ether	7.509	93	123173	43.94	ng		99
12) 1,3-Dichlorobenzene	7.985	146	140323	42.16	ng	#	88
13) 1,4-Dichlorobenzene	8.132	146	144285	43.67	ng	#	94
14) 1,2-Dichlorobenzene	8.455	146	136518	43.07	ng	#	92
15) Benzyl Alcohol	8.337	79	153598	44.31	ng	#	83
16) 2,2'-oxybis(1-Chloropr...	8.625	45	132187	41.24	ng		85
17) 2-Methylphenol	8.537	107	122395	48.25	ng	#	85
18) Hexachloroethane	9.189	117	56895	44.76	ng		84
19) n-Nitroso-di-n-propyla...	8.907	70	119237	41.15	ng		98
20) 3+4-Methylphenols	8.866	107	166879	48.02	ng		89
22) Acetophenone	8.925	105	210115	41.79	ng	#	91
24) Nitrobenzene	9.313	77	180209	37.62	ng	#	84
25) Isophorone	9.835	82	323313	37.78	ng	#	92
26) 2-Nitrophenol	10.023	139	72789	39.98	ng	#	57
27) 2,4-Dimethylphenol	10.082	122	135161	47.58	ng		85
28) bis(2-Chloroethoxy)met...	10.317	93	171448	44.20	ng		99
29) 2,4-Dichlorophenol	10.564	162	141275	42.86	ng		94
30) 1,2,4-Trichlorobenzene	10.781	180	148958	37.38	ng		97
31) Naphthalene	10.975	128	396204	39.97	ng		98
32) Benzoic acid	10.211	122	104732	47.37	ng	#	90
33) 4-Chloroaniline	11.069	127	34070	8.04	ng	#	87
34) Hexachlorobutadiene	11.257	225	105831	33.51	ng		98
35) Caprolactam	11.851	113	51194m	43.50	ng		
36) 4-Chloro-3-methylphenol	12.197	107	165036	43.13	ng		85
37) 2-Methylnaphthalene	12.573	142	306152	40.47	ng	#	93
38) 1-Methylnaphthalene	12.797	142	281104	39.51	ng		100
40) 1,2,4,5-Tetrachloroben...	12.938	216	172501	37.39	ng	#	93
41) Hexachlorocyclopentadiene	12.920	237	262337	87.95	ng		97
43) 2,4,6-Trichlorophenol	13.173	196	126580	40.48	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.249	196	132040	38.37	ng	#	88
46) 1,1'-Biphenyl	13.578	154	392371	43.27	ng		97
47) 2-Chloronaphthalene	13.625	162	305648	41.81	ng		95
48) 2-Nitroaniline	13.819	65	124358	45.96	ng	#	74
49) Acenaphthylene	14.465	152	519418	43.88	ng		97
50) Dimethylphthalate	14.189	163	425330	41.36	ng		99
51) 2,6-Dinitrotoluene	14.313	165	89483	40.44	ng	#	63
52) Acenaphthene	14.806	154	314169	39.49	ng		98
53) 3-Nitroaniline	14.642	138	22464	10.60	ng	#	71
54) 2,4-Dinitrophenol	14.847	184	135781	100.53	ng	#	61
55) Dibenzofuran	15.141	168	473806	39.98	ng		92
56) 4-Nitrophenol	14.953	139	169290	89.28	ng	#	46
57) 2,4-Dinitrotoluene	15.094	165	130215	41.44	ng	#	65
58) Fluorene	15.793	166	388715	39.08	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.364	232	128024	37.70	ng	#	87
60) Diethylphthalate	15.552	149	441253	43.90	ng		93
61) 4-Chlorophenyl-phenyle...	15.781	204	221797	38.76	ng		93
62) 4-Nitroaniline	15.805	138	93251	40.18	ng	#	49
63) Azobenzene	16.075	77	437766	40.02	ng		88
65) 4,6-Dinitro-2-methylph...	15.858	198	81358	43.93	ng	#	71
66) n-Nitrosodiphenylamine	15.993	169	367548	43.14	ng		100
67) 4-Bromophenyl-phenylether	16.674	248	145831	39.37	ng	#	87
68) Hexachlorobenzene	16.792	284	160370	40.40	ng	#	92
69) Atrazine	16.939	200	159248	46.47	ng		100
70) Pentachlorophenol	17.139	266	229572	87.01	ng		100
71) Phenanthrene	17.538	178	665763	42.85	ng		97
72) Anthracene	17.626	178	687698	44.61	ng		97
73) Carbazole	17.897	167	648730	44.13	ng		97
74) Di-n-butylphthalate	18.449	149	771812	47.44	ng	#	96
75) Fluoranthene	19.542	202	861083	41.63	ng		96
77) Benzidine	19.718	184	450305	49.40	ng		98
78) Pyrene	19.906	202	865313	41.40	ng		98
80) Butylbenzylphthalate	20.787	149	362921	48.86	ng		88
81) Benzo(a)anthracene	21.763	228	855578	40.54	ng		99
82) 3,3'-Dichlorobenzidine	21.674	252	93256	12.24	ng		99
83) Chrysene	21.833	228	805522	39.81	ng		99
84) Bis(2-ethylhexyl)phtha...	21.663	149	506225	49.32	ng		94
85) Di-n-octyl phthalate	22.914	149	852122	49.58	ng		97
87) Indeno(1,2,3-cd)pyrene	28.937	276	1020064	41.21	ng	#	85
88) Benzo(b)fluoranthene	24.054	252	883856	38.65	ng	#	96
89) Benzo(k)fluoranthene	24.125	252	838778	38.87	ng	#	97
90) Benzo(a)pyrene	24.959	252	781916	37.50	ng	#	97
91) Dibenzo(a,h)anthracene	29.007	278	842633	39.91	ng	#	94
92) Benzo(g,h,i)perylene	30.129	276	823744	40.21	ng	#	92

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

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