Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041321\
Data File : BG048679.D
Acq On : 13 Apr 2021 18:21
Operator : CG/JU
Sample : M1991-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JCSY-WC1-1MSD

Manual Integrations APPROVED
mohammad
4/14/2021 11:51:54 AM

Quant Time: Apr 14 00:31:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:06:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.081	152	14461	20.00	ng		-0.02
21) Naphthalene-d8	10.907	136	61633	20.00	ng		#-0.02
39) Acenaphthene-d10	14.738	164	48001	20.00	ng		-0.01
64) Phenanthrene-d10	17.493	188	131203	20.00	ng		# 0.00
76) Chrysene-d12	21.794	240	125713	20.00	ng		# 0.00
86) Perylene-d12	25.126	264	126258	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.637	112	118059	144.13	ng		0.00
7) Phenol-d6	7.247	99	136808	115.17	ng		0.00
23) Nitrobenzene-d5	9.256	82	130662	102.64	ng		0.00
42) 2,4,6-Tribromophenol	16.236	330	103167	163.50	ng		0.00
45) 2-Fluorobiphenyl	13.357	172	290149	89.84	ng		-0.01
79) Terphenyl-d14	20.108	244	668498	97.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.498	88	12713	38.58	ng	#	19
3) Pyridine	3.909	79	25806	31.23	ng		94
4) n-Nitrosodimethylamine	3.810	42	32310	59.85	ng	#	79
6) Aniline	7.399	93	37731	27.66	ng		94
8) 2-Chlorophenol	7.646	128	49736	53.73	ng		99
9) Benzaldehyde	7.217	77	31363	41.30	ng		92
10) Phenol	7.270	94	53844	45.27	ng		87
11) bis(2-Chloroethyl)ether	7.493	93	41716	50.55	ng		90
12) 1,3-Dichlorobenzene	7.969	146	46980	45.05	ng	#	94
13) 1,4-Dichlorobenzene	8.116	146	47749	45.42	ng		94
14) 1,2-Dichlorobenzene	8.439	146	46009	45.69	ng		98
15) Benzyl Alcohol	8.322	79	56598	58.16	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.616	45	45246	56.84	ng		94
17) 2-Methylphenol	8.533	107	40336	52.42	ng		94
18) Hexachloroethane	9.174	117	19338	49.50	ng		96
19) n-Nitroso-di-n-propyla...	8.892	70	42767	52.23	ng	#	96
20) 3+4-Methylphenols	8.862	107	55761	52.21	ng		86
22) Acetophenone	8.909	105	80393	50.59	ng	#	98
24) Nitrobenzene	9.297	77	66731	53.41	ng	#	86
25) Isophorone	9.826	82	121773	51.80	ng		96
26) 2-Nitrophenol	10.014	139	29108	50.71	ng		91
27) 2,4-Dimethylphenol	10.073	122	52184	57.78	ng		95
28) bis(2-Chloroethoxy)met...	10.308	93	58009	53.83	ng		98
29) 2,4-Dichlorophenol	10.555	162	53019	51.84	ng		89
30) 1,2,4-Trichlorobenzene	10.772	180	54973	46.78	ng		99
31) Naphthalene	10.960	128	150010	47.34	ng		100
32) Benzoic acid	10.214	122	31420	45.22	ng		97
33) 4-Chloroaniline	11.072	127	10100	7.55	ng		94
34) Hexachlorobutadiene	11.242	225	38150	44.45	ng	#	87
35) Caprolactam	11.847	113	14675m	39.33	ng		
36) 4-Chloro-3-methylphenol	12.200	107	65215	56.78	ng		92
37) 2-Methylnaphthalene	12.564	142	121690	48.24	ng	#	94
38) 1-Methylnaphthalene	12.787	142	115397m	47.96	ng		
40) 1,2,4,5-Tetrachloroben...	12.934	216	70894	47.64	ng		97
41) Hexachlorocyclopentadiene	12.911	237	78526	91.10	ng		98
43) 2,4,6-Trichlorophenol	13.175	196	54148	52.94	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.251	196	58100	53.10	ng	#	88
46) 1,1'-Biphenyl	13.569	154	169071	48.21	ng		98
47) 2-Chloronaphthalene	13.616	162	129783	48.57	ng		97
48) 2-Nitroaniline	13.815	65	54175	63.78	ng	#	81
49) Acenaphthylene	14.462	152	223357	53.32	ng		98
50) Dimethylphthalate	14.186	163	201817	56.65	ng	#	98
51) 2,6-Dinitrotoluene	14.309	165	43435	53.29	ng	#	89
52) Acenaphthene	14.803	154	185229m	61.13	ng		
53) 3-Nitroaniline	14.644	138	21469	26.86	ng		95
54) 2,4-Dinitrophenol	14.850	184	60807	132.67	ng	#	85
55) Dibenzofuran	15.137	168	224820	50.81	ng		98
56) 4-Nitrophenol	14.961	139	64530	100.02	ng		98
57) 2,4-Dinitrotoluene	15.096	165	66572	57.74	ng	#	83
58) Fluorene	15.790	166	193623	52.27	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.367	232	58391m	54.70	ng		
60) Diethylphthalate	15.549	149	213443	58.31	ng		96
61) 4-Chlorophenyl-phenyle...	15.778	204	106264	53.32	ng		94
62) 4-Nitroaniline	15.813	138	45200	54.07	ng	#	80
63) Azobenzene	16.072	77	202683	56.28	ng		94
65) 4,6-Dinitro-2-methylph...	15.866	198	41281	52.36	ng		91
66) n-Nitrosodiphenylamine	15.995	169	173608	46.51	ng		98
67) 4-Bromophenyl-phenylether	16.677	248	72430	49.80	ng		93
68) Hexachlorobenzene	16.794	284	76319	50.26	ng		99
69) Atrazine	16.941	200	85976	56.47	ng		93
70) Pentachlorophenol	17.147	266	97872	103.69	ng		92
71) Phenanthrene	17.540	178	338641	49.72	ng		99
72) Anthracene	17.629	178	343120	50.55	ng		98
73) Carbazole	17.899	167	317147	49.27	ng		97
74) Di-n-butylphthalate	18.445	149	384825	53.52	ng		99
75) Fluoranthene	19.550	202	429380	50.85	ng		98
77) Benzidine	19.726	184	41759	9.81	ng		98
78) Pyrene	19.914	202	430033	49.75	ng		99
80) Butylbenzylphthalate	20.790	149	165595	51.58	ng		89
81) Benzo(a)anthracene	21.771	228	417587	49.72	ng		99
82) 3,3'-Dichlorobenzidine	21.683	252	81496	28.24	ng		99
83) Chrysene	21.841	228	393105	49.04	ng		95
84) Bis(2-ethylhexyl)phtha...	21.665	149	236756	52.94	ng		99
85) Di-n-octyl phthalate	22.917	149	403051	51.70	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.974	276	477971	54.00	ng	#	84
88) Benzo(b)fluoranthene	24.068	252	430126	52.45	ng	#	97
89) Benzo(k)fluoranthene	24.145	252	396910m	50.34	ng		
90) Benzo(a)pyrene	24.979	252	376261	49.78	ng		98
91) Dibenzo(a,h)anthracene	29.033	278	396782	52.52	ng	#	95
92) Benzo(g,h,i)perylene	30.173	276	390921	52.84	ng		98

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

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