Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041421\
Data File : BG048697.D
Acq On : 14 Apr 2021 18:22
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
mohammad
4/15/2021 11:45:19 AM

Quant Time: Apr 15 01:21:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 14 17:24:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.093	152	20175	20.00	ng		0.01
21) Naphthalene-d8	10.913	136	81046	20.00	ng		# 0.00
39) Acenaphthene-d10	14.744	164	58953	20.00	ng		0.00
64) Phenanthrene-d10	17.500	188	140401	20.00	ng		# 0.00
76) Chrysene-d12	21.795	240	148051	20.00	ng		0.00
86) Perylene-d12	25.138	264	145388	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.637	112	10866	8.90	ng		0.00
7) Phenol-d6	7.247	99	15913	9.37	ng		0.00
23) Nitrobenzene-d5	9.262	82	17276	9.59	ng		0.00
42) 2,4,6-Tribromophenol	16.231	330	7282	9.20	ng		0.00
45) 2-Fluorobiphenyl	13.363	172	38902	9.56	ng		0.00
79) Terphenyl-d14	20.108	244	85947	7.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.498	88	2271	4.79	ng		96
3) Pyridine	3.922	79	5422	4.50	ng	#	82
4) n-Nitrosodimethylamine	3.816	42	4385	4.62	ng	#	83
6) Aniline	7.406	93	9457	5.01	ng	#	91
8) 2-Chlorophenol	7.652	128	6182	4.85	ng		91
9) Benzaldehyde	7.223	77	6125	5.70	ng		83
10) Phenol	7.271	94	8497	5.13	ng		94
11) bis(2-Chloroethyl)ether	7.500	93	5296	4.68	ng		85
12) 1,3-Dichlorobenzene	7.976	146	7677m	5.28	ng		
13) 1,4-Dichlorobenzene	8.122	146	7228	4.80	ng	#	80
14) 1,2-Dichlorobenzene	8.446	146	5896	4.14	ng		94
15) Benzyl Alcohol	8.322	79	7200	4.85	ng	#	85
16) 2,2'-oxybis(1-Chloropr...	8.622	45	6301	5.24	ng		85
17) 2-Methylphenol	8.534	107	5067	4.73	ng	#	88
18) Hexachloroethane	9.180	117	2988	5.05	ng	#	74
19) n-Nitroso-di-n-propyla...	8.892	70	5294	4.53	ng	#	81
20) 3+4-Methylphenols	8.869	107	6786	4.57	ng		84
22) Acetophenone	8.922	105	10146	4.83	ng	#	92
24) Nitrobenzene	9.298	77	8731	4.86	ng	#	84
25) Isophorone	9.826	82	15333	4.80	ng	#	93
26) 2-Nitrophenol	10.020	139	4146	5.36	ng	#	77
27) 2,4-Dimethylphenol	10.079	122	5948	5.01	ng	#	76
28) bis(2-Chloroethoxy)met...	10.308	93	6655	4.77	ng	#	85
29) 2,4-Dichlorophenol	10.567	162	6303	4.70	ng		83
30) 1,2,4-Trichlorobenzene	10.772	180	8008	5.19	ng		89
31) Naphthalene	10.966	128	19985	4.78	ng	#	92
33) 4-Chloroaniline	11.078	127	7976	4.62	ng	#	84
34) Hexachlorobutadiene	11.248	225	5886	5.12	ng	#	84
35) Caprolactam	11.818	113	2255	4.77	ng	#	55
36) 4-Chloro-3-methylphenol	12.194	107	7022	4.62	ng	#	78
37) 2-Methylnaphthalene	12.570	142	15657	4.71	ng		95
38) 1-Methylnaphthalene	12.788	142	14985	4.85	ng	#	90
40) 1,2,4,5-Tetrachloroben...	12.934	216	9617	5.06	ng	#	98
43) 2,4,6-Trichlorophenol	13.175	196	5699	4.44	ng	#	77
44) 2,4,5-Trichlorophenol	13.252	196	6425	4.80	ng	#	87
46) 1,1'-Biphenyl	13.575	154	21346	4.94	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47)	2-Chloronaphthalene	13.622	162	15438	4.63	ng		98
48)	2-Nitroaniline	13.822	65	5009	4.14	ng	#	86
49)	Acenaphthylene	14.462	152	25108	4.82	ng		97
50)	Dimethylphthalate	14.186	163	20648	4.60	ng	#	94
51)	2,6-Dinitrotoluene	14.309	165	4789	4.69	ng		96
52)	Acenaphthene	14.809	154	15562	4.69	ng		99
53)	3-Nitroaniline	14.650	138	4871	4.98	ng	#	57
55)	Dibenzofuran	15.138	168	25985	4.75	ng	#	91
56)	4-Nitrophenol	14.967	139	2854	3.78	ng	#	80
57)	2,4-Dinitrotoluene	15.097	165	6723	4.47	ng	#	84
58)	Fluorene	15.790	166	21212	4.72	ng		97
59)	2,3,4,6-Tetrachlorophenol	15.373	232	5568	4.46	ng	#	94
60)	Diethylphthalate	15.549	149	22190	4.81	ng	#	96
61)	4-Chlorophenyl-phenyle...	15.778	204	12004	4.88	ng	#	93
62)	4-Nitroaniline	15.808	138	4585	4.31	ng		91
63)	Azobenzene	16.072	77	22557	4.92	ng		94
65)	4,6-Dinitro-2-methylph...	15.872	198	3656	3.88	ng	#	75
66)	n-Nitrosodiphenylamine	15.996	169	19417	4.88	ng		91
67)	4-Bromophenyl-phenylether	16.683	248	8723	5.48	ng	#	72
68)	Hexachlorobenzene	16.801	284	7881	4.77	ng		97
69)	Atrazine	16.942	200	8150	4.87	ng		97
71)	Phenanthrene	17.541	178	35118m	4.81	ng		
72)	Anthracene	17.629	178	36524m	5.10	ng		
73)	Carbazole	17.905	167	35955	5.22	ng		96
74)	Di-n-butylphthalate	18.452	149	37367	4.79	ng	#	94
75)	Fluoranthene	19.550	202	46028	4.96	ng		99
77)	Benzidine	19.732	184	19688	4.76	ng	#	91
78)	Pyrene	19.915	202	48339	4.69	ng		98
80)	Butylbenzylphthalate	20.790	149	17936	3.94	ng	#	84
81)	Benzo(a)anthracene	21.777	228	49005	4.45	ng		97
82)	3,3'-Dichlorobenzidine	21.683	252	15633	4.21	ng		99
83)	Chrysene	21.842	228	46858	4.53	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.665	149	26393	4.04	ng		97
85)	Di-n-octyl phthalate	22.923	149	46317	4.32	ng		100
87)	Indeno(1,2,3-cd)pyrene	28.969	276	57355	4.99	ng	#	74
88)	Benzo(b)fluoranthene	24.074	252	47911m	4.48	ng		
89)	Benzo(k)fluoranthene	24.139	252	46741	4.63	ng	#	97
90)	Benzo(a)pyrene	24.973	252	46412	4.80	ng	#	94
91)	Dibenzo(a,h)anthracene	29.033	278	52023	5.36	ng	#	95
92)	Benzo(g,h,i)perylene	30.155	276	52573	5.50	ng	#	88

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

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