Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033121\
Data File : BG048534.D
Acq On : 31 Mar 2021 19:21
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
4/1/2021 10:50:53 AM

Quant Time: Apr 01 02:01:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 31 11:41:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.105	152	22619	20.00	ng		0.00
21) Naphthalene-d8	10.925	136	85309	20.00	ng		# 0.00
39) Acenaphthene-d10	14.750	164	62023	20.00	ng		0.00
64) Phenanthrene-d10	17.500	188	146477	20.00	ng		# 0.00
76) Chrysene-d12	21.801	240	136864	20.00	ng		# 0.00
86) Perylene-d12	25.144	264	143279	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.643	112	98650	77.00	ng		0.00
7) Phenol-d6	7.247	99	142209	76.54	ng		0.00
23) Nitrobenzene-d5	9.268	82	143129	81.23	ng		0.00
42) 2,4,6-Tribromophenol	16.242	330	65105	79.85	ng		0.00
45) 2-Fluorobiphenyl	13.369	172	330834	79.28	ng		-0.01
79) Terphenyl-d14	20.114	244	594530	79.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.510	88	19244	37.33	ng		95
3) Pyridine	3.916	79	51499	39.85	ng		96
4) n-Nitrosodimethylamine	3.828	42	33643	39.85	ng	#	86
6) Aniline	7.417	93	78890	36.97	ng		97
8) 2-Chlorophenol	7.658	128	52616	36.34	ng		93
9) Benzaldehyde	7.229	77	45496	38.31	ng		96
10) Phenol	7.276	94	68075	36.60	ng		97
11) bis(2-Chloroethyl)ether	7.511	93	48601	37.65	ng		94
12) 1,3-Dichlorobenzene	7.987	146	63006	38.63	ng		99
13) 1,4-Dichlorobenzene	8.134	146	60988	37.09	ng		98
14) 1,2-Dichlorobenzene	8.452	146	58607m	37.21	ng		
15) Benzyl Alcohol	8.334	79	57852	38.01	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.628	45	45016	36.15	ng		88
17) 2-Methylphenol	8.540	107	46296	38.46	ng		85
18) Hexachloroethane	9.192	117	22648	37.06	ng	#	76
19) n-Nitroso-di-n-propyla...	8.904	70	45890	35.83	ng	#	88
20) 3+4-Methylphenols	8.863	107	63044	37.74	ng		94
22) Acetophenone	8.922	105	86527	39.34	ng	#	98
24) Nitrobenzene	9.309	77	72022	41.65	ng		100
25) Isophorone	9.832	82	129924	39.93	ng	#	96
26) 2-Nitrophenol	10.026	139	32150	40.47	ng		98
27) 2,4-Dimethylphenol	10.079	122	50564	40.45	ng		86
28) bis(2-Chloroethoxy)met...	10.320	93	62841	42.13	ng		93
29) 2,4-Dichlorophenol	10.567	162	58804	41.54	ng		91
30) 1,2,4-Trichlorobenzene	10.778	180	66829	41.08	ng		94
31) Naphthalene	10.978	128	175966	40.12	ng		98
32) Benzoic acid	10.208	122	39226	40.79	ng		96
33) 4-Chloroaniline	11.078	127	76905	41.55	ng		98
34) Hexachlorobutadiene	11.254	225	48470	40.80	ng		97
35) Caprolactam	11.848	113	20194	39.10	ng		84
36) 4-Chloro-3-methylphenol	12.194	107	66140	41.60	ng		98
37) 2-Methylnaphthalene	12.582	142	140823	40.33	ng		99
38) 1-Methylnaphthalene	12.799	142	131927	39.61	ng		97
40) 1,2,4,5-Tetrachloroben...	12.940	216	76289	39.68	ng		96
41) Hexachlorocyclopentadiene	12.923	237	48705	43.73	ng		96
43) 2,4,6-Trichlorophenol	13.175	196	55460	41.97	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.252	196	55905	39.54	ng		89
46) 1,1'-Biphenyl	13.581	154	182832	40.34	ng		97
47) 2-Chloronaphthalene	13.628	162	135880	39.35	ng		97
48) 2-Nitroaniline	13.822	65	45313	41.28	ng		85
49) Acenaphthylene	14.474	152	218701	40.41	ng		98
50) Dimethylphthalate	14.198	163	181271	39.38	ng		99
51) 2,6-Dinitrotoluene	14.315	165	40761	38.70	ng		91
52) Acenaphthene	14.815	154	158048	40.37	ng		97
53) 3-Nitroaniline	14.650	138	41192	39.88	ng		93
54) 2,4-Dinitrophenol	14.850	184	24833	41.93	ng		96
55) Dibenzofuran	15.150	168	225796	39.49	ng		96
56) 4-Nitrophenol	14.950	139	33383	40.04	ng	#	86
57) 2,4-Dinitrotoluene	15.103	165	61152	41.05	ng	#	89
58) Fluorene	15.802	166	186892	39.05	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.373	232	55530	40.26	ng		99
60) Diethylphthalate	15.561	149	188944	39.94	ng		97
61) 4-Chlorophenyl-phenyle...	15.790	204	103402	40.15	ng		95
62) 4-Nitroaniline	15.808	138	43567	40.33	ng		91
63) Azobenzene	16.078	77	176537	37.94	ng		99
65) 4,6-Dinitro-2-methylph...	15.866	198	37330	42.41	ng		94
66) n-Nitrosodiphenylamine	16.002	169	169818	40.75	ng		98
67) 4-Bromophenyl-phenylether	16.683	248	65599	40.40	ng		93
68) Hexachlorobenzene	16.801	284	68021	40.12	ng		98
69) Atrazine	16.947	200	66979	39.41	ng		98
70) Pentachlorophenol	17.147	266	45239	42.93	ng		92
71) Phenanthrene	17.547	178	301891	39.70	ng		99
72) Anthracene	17.635	178	303194	40.01	ng		98
73) Carbazole	17.905	167	283944	39.52	ng		98
74) Di-n-butylphthalate	18.457	149	321542	40.05	ng		98
75) Fluoranthene	19.556	202	376139	39.90	ng		98
77) Benzidine	19.732	184	185150	39.95	ng		95
78) Pyrene	19.915	202	375451	39.90	ng		98
80) Butylbenzylphthalate	20.796	149	142203	40.69	ng		91
81) Benzo(a)anthracene	21.777	228	362941	39.69	ng		99
82) 3,3'-Dichlorobenzidine	21.689	252	126900	40.40	ng		96
83) Chrysene	21.848	228	346025	39.65	ng		94
84) Bis(2-ethylhexyl)phtha...	21.677	149	201647	41.42	ng	#	97
85) Di-n-octyl phthalate	22.935	149	351093	41.37	ng		100
87) Indeno(1,2,3-cd)pyrene	28.969	276	400785	39.90	ng	#	95
88) Benzo(b)fluoranthene	24.080	252	375976	40.40	ng		96
89) Benzo(k)fluoranthene	24.151	252	356807	39.88	ng		98
90) Benzo(a)pyrene	24.985	252	339661	39.60	ng		98
91) Dibenzo(a,h)anthracene	29.051	278	344390	40.17	ng	#	98
92) Benzo(g,h,i)perylene	30.179	276	333463	39.72	ng		97

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

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