Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012721\
Data File : BG048026.D
Acq On : 27 Jan 2021 10:56
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/28/2021 11:46:28 AM

Quant Time: Jan 27 12:13:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 25 19:39:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.132	152	46347	20.00	ng	#	0.00
21) Naphthalene-d8	10.940	136	168951	20.00	ng		0.00
39) Acenaphthene-d10	14.747	164	120074	20.00	ng		0.00
64) Phenanthrene-d10	17.491	188	281452	20.00	ng	#	0.00
76) Chrysene-d12	21.769	240	302477	20.00	ng	#	0.00
86) Perylene-d12	25.053	264	310779	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.682	112	251077	83.26	ng		0.00
7) Phenol-d6	7.274	99	355827	77.60	ng		0.00
23) Nitrobenzene-d5	9.289	82	357624	83.75	ng		0.00
42) 2,4,6-Tribromophenol	16.234	330	165320	82.66	ng		0.00
45) 2-Fluorobiphenyl	13.378	172	772035	83.13	ng		0.00
79) Terphenyl-d14	20.094	244	1376134	78.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.572	88	57285	42.61	ng	#	92
3) Pyridine	3.972	79	166742	41.32	ng		88
4) n-Nitrosodimethylamine	3.884	42	78627	42.17	ng	#	84
6) Aniline	7.450	93	212284	38.33	ng		97
8) 2-Chlorophenol	7.691	128	123055	38.98	ng		90
9) Benzaldehyde	7.262	77	90566	38.51	ng		85
10) Phenol	7.297	94	173242	39.42	ng		80
11) bis(2-Chloroethyl)ether	7.538	93	135860	39.47	ng		94
12) 1,3-Dichlorobenzene	8.020	146	154305	40.50	ng	#	91
13) 1,4-Dichlorobenzene	8.161	146	155033	40.59	ng		96
14) 1,2-Dichlorobenzene	8.484	146	144357	39.59	ng		96
15) Benzyl Alcohol	8.361	79	145606	37.53	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.655	45	181779	37.63	ng		93
17) 2-Methylphenol	8.560	107	110386	37.16	ng	#	85
18) Hexachloroethane	9.219	117	59282	39.78	ng		98
19) n-Nitroso-di-n-propyla...	8.931	70	120908	36.13	ng		98
20) 3+4-Methylphenols	8.890	107	151407	36.84	ng		91
22) Acetophenone	8.948	105	211834	40.68	ng		95
24) Nitrobenzene	9.336	77	177378	41.48	ng	#	87
25) Isophorone	9.859	82	299275	39.06	ng	#	95
26) 2-Nitrophenol	10.047	139	75173	42.72	ng	#	82
27) 2,4-Dimethylphenol	10.094	122	101971	39.88	ng		89
28) bis(2-Chloroethoxy)met...	10.335	93	183907	39.89	ng		97
29) 2,4-Dichlorophenol	10.582	162	138210	42.01	ng		96
30) 1,2,4-Trichlorobenzene	10.799	180	172092	43.27	ng		99
31) Naphthalene	10.993	128	399561	40.90	ng		98
32) Benzoic acid	10.223	122	94774	41.39	ng	#	87
33) 4-Chloroaniline	11.087	127	174243	39.03	ng	#	92
34) Hexachlorobutadiene	11.275	225	124211	43.98	ng		98
35) Caprolactam	11.863	113	45917	36.67	ng		99
36) 4-Chloro-3-methylphenol	12.197	107	141568	38.35	ng		89
37) 2-Methylnaphthalene	12.585	142	295559	40.06	ng	#	93
38) 1-Methylnaphthalene	12.803	142	277970m	39.49	ng		
40) 1,2,4,5-Tetrachloroben...	12.949	216	196111	42.84	ng		97
41) Hexachlorocyclopentadiene	12.932	237	120363	46.42	ng		98
43) 2,4,6-Trichlorophenol	13.184	196	133244	41.74	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.255	196	137395	41.53	ng	#	95
46) 1,1'-Biphenyl	13.584	154	384852	41.46	ng		98
47) 2-Chloronaphthalene	13.631	162	330989	40.97	ng		98
48) 2-Nitroaniline	13.825	65	117339	40.02	ng	#	80
49) Acenaphthylene	14.477	152	470469	39.46	ng		98
50) Dimethylphthalate	14.201	163	422614	38.89	ng		99
51) 2,6-Dinitrotoluene	14.313	165	89713	39.71	ng	#	69
52) Acenaphthene	14.812	154	329232	40.79	ng		98
53) 3-Nitroaniline	14.642	138	95433	38.51	ng	#	78
54) 2,4-Dinitrophenol	14.847	184	62959	44.57	ng	#	74
55) Dibenzofuran	15.147	168	486865	39.77	ng		96
56) 4-Nitrophenol	14.935	139	75405	38.99	ng	#	60
57) 2,4-Dinitrotoluene	15.100	165	127215	38.99	ng	#	71
58) Fluorene	15.793	166	384813	39.10	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.364	232	136868m	41.37	ng		
60) Diethylphthalate	15.558	149	426626	38.18	ng		93
61) 4-Chlorophenyl-phenyle...	15.787	204	241393	40.05	ng		99
62) 4-Nitroaniline	15.805	138	103466	38.33	ng	#	60
63) Azobenzene	16.075	77	402388	38.26	ng		90
65) 4,6-Dinitro-2-methylph...	15.864	198	81390	44.81	ng		92
66) n-Nitrosodiphenylamine	15.999	169	350726	41.47	ng		98
67) 4-Bromophenyl-phenylether	16.680	248	161947	43.06	ng		97
68) Hexachlorobenzene	16.798	284	173671	42.46	ng		97
69) Atrazine	16.939	200	131517	40.94	ng		96
70) Pentachlorophenol	17.139	266	108148	43.55	ng		97
71) Phenanthrene	17.532	178	678241	41.77	ng		96
72) Anthracene	17.626	178	658196	41.22	ng		97
73) Carbazole	17.891	167	605866	40.65	ng		100
74) Di-n-butylphthalate	18.449	149	729898	40.11	ng	#	97
75) Fluoranthene	19.536	202	872895	41.00	ng		96
77) Benzidine	19.706	184	332305	38.08	ng		99
78) Pyrene	19.894	202	875338	39.52	ng		98
80) Butylbenzylphthalate	20.776	149	331531	39.19	ng		90
81) Benzo(a)anthracene	21.751	228	891832	40.57	ng		99
82) 3,3'-Dichlorobenzidine	21.657	252	300060	40.51	ng	#	98
83) Chrysene	21.816	228	846160	40.51	ng		99
84) Bis(2-ethylhexyl)phtha...	21.651	149	463953	40.04	ng		96
85) Di-n-octyl phthalate	22.891	149	788082	40.66	ng		97
87) Indeno(1,2,3-cd)pyrene	28.801	276	1012977	40.52	ng	#	85
88) Benzo(b)fluoranthene	24.007	252	901775	40.83	ng	#	97
89) Benzo(k)fluoranthene	24.078	252	870932	40.58	ng	#	98
90) Benzo(a)pyrene	24.900	252	842200	40.60	ng	#	98
91) Dibenzo(a,h)anthracene	28.872	278	834409	40.44	ng	#	96
92) Benzo(g,h,i)perylene	29.971	276	820111	41.27	ng	#	95

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

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