Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031821\
Data File : BG048412.D
Acq On : 18 Mar 2021 11:34
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC005

Manual Integrations APPROVED
mohammad
3/19/2021 12:05:51 PM

Quant Time: Mar 18 14:17:39 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 18 14:16:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.114	152	50452	20.00	ng		0.00
21) Naphthalene-d8	10.934	136	190966	20.00	ng		0.00
39) Acenaphthene-d10	14.753	164	138878	20.00	ng		0.00
64) Phenanthrene-d10	17.503	188	351514	20.00	ng	#	0.00
76) Chrysene-d12	21.798	240	389437	20.00	ng	#	0.00
86) Perylene-d12	25.141	264	384533	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.652	112	29705	10.11	ng		0.00
7) Phenol-d6	7.250	99	43127	9.97	ng		0.00
23) Nitrobenzene-d5	9.277	82	44858	10.44	ng		0.00
42) 2,4,6-Tribromophenol	16.239	330	21054	11.85	ng		0.00
45) 2-Fluorobiphenyl	13.372	172	96694	9.81	ng		0.00
79) Terphenyl-d14	20.111	244	218386	10.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.525	88	7710	5.49	ng	#	79
3) Pyridine	3.948	79	16346m	4.26	ng		
4) n-Nitrosodimethylamine	3.848	42	9661	4.36	ng	#	52
6) Aniline	7.426	93	26920	5.06	ng		94
8) 2-Chlorophenol	7.667	128	15580	5.25	ng		87
10) Phenol	7.279	94	23741	5.38	ng	#	67
11) bis(2-Chloroethyl)ether	7.520	93	15933	5.00	ng		98
12) 1,3-Dichlorobenzene	8.002	146	18661	4.93	ng	#	90
13) 1,4-Dichlorobenzene	8.149	146	19828m	5.24	ng		
14) 1,2-Dichlorobenzene	8.472	146	17904	4.84	ng		97
15) Benzyl Alcohol	8.343	79	18187	4.80	ng	#	81
16) 2,2'-oxybis(1-Chloropr...	8.643	45	18323	4.70	ng		89
17) 2-Methylphenol	8.543	107	14795	5.24	ng	#	87
18) Hexachloroethane	9.207	117	7008	5.07	ng		98
19) n-Nitroso-di-n-propyla...	8.919	70	16080	4.82	ng	#	94
20) 3+4-Methylphenols	8.866	107	19918	5.28	ng		84
22) Acetophenone	8.936	105	26335	4.88	ng	#	75
24) Nitrobenzene	9.318	77	23690	5.36	ng	#	82
25) Isophorone	9.841	82	43115	4.68	ng	#	90
26) 2-Nitrophenol	10.035	139	8552	5.86	ng	#	73
27) 2,4-Dimethylphenol	10.088	122	13759m	4.71	ng		
28) bis(2-Chloroethoxy)met...	10.323	93	20314	4.90	ng	#	96
29) 2,4-Dichlorophenol	10.570	162	15592	4.94	ng		86
30) 1,2,4-Trichlorobenzene	10.787	180	20416	4.96	ng		90
31) Naphthalene	10.987	128	50641	4.86	ng	#	93
32) Benzoic acid	10.129	122	9702	5.27	ng	#	69
33) 4-Chloroaniline	11.087	127	21888	5.00	ng	#	85
34) Hexachlorobutadiene	11.269	225	16150	5.02	ng	#	78
35) Caprolactam	11.833	113	6006	5.58	ng	#	63
36) 4-Chloro-3-methylphenol	12.197	107	19500	5.17	ng	#	72
37) 2-Methylnaphthalene	12.585	142	38400	4.81	ng	#	88
38) 1-Methylnaphthalene	12.808	142	36052	4.79	ng	#	90
40) 1,2,4,5-Tetrachloroben...	12.949	216	25612	4.99	ng	#	95
41) Hexachlorocyclopentadiene	12.932	237	14724	5.24	ng		91
43) 2,4,6-Trichlorophenol	13.178	196	15601m	5.18	ng		
44) 2,4,5-Trichlorophenol	13.255	196	18035	5.52	ng	#	88

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.590	154	50914	5.05	ng		95
47) 2-Chloronaphthalene	13.631	162	40289	4.93	ng		92
48) 2-Nitroaniline	13.819	65	12759	5.52	ng	#	64
49) Acenaphthylene	14.477	152	66315	5.09	ng		94
50) Dimethylphthalate	14.195	163	56306	5.28	ng		96
51) 2,6-Dinitrotoluene	14.312	165	10764	5.30	ng	#	42
52) Acenaphthene	14.818	154	41796	4.87	ng		98
53) 3-Nitroaniline	14.641	138	10355	5.00	ng	#	85
54) 2,4-Dinitrophenol	14.847	184	6433	5.35	ng		96
55) Dibenzofuran	15.153	168	65888	5.01	ng		99
56) 4-Nitrophenol	14.941	139	10091	5.73	ng		83
57) 2,4-Dinitrotoluene	15.100	165	14947	5.38	ng	#	63
58) Fluorene	15.799	166	54766	4.98	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.370	232	17713	5.62	ng		97
60) Diethylphthalate	15.558	149	52178	5.05	ng	#	96
61) 4-Chlorophenyl-phenyle...	15.793	204	30246	4.79	ng		97
62) 4-Nitroaniline	15.799	138	12407	5.51	ng	#	56
63) Azobenzene	16.081	77	60022	4.76	ng		84
65) 4,6-Dinitro-2-methylph...	15.863	198	8924	5.22	ng	#	70
66) n-Nitrosodiphenylamine	15.999	169	50152	4.91	ng		98
67) 4-Bromophenyl-phenylether	16.692	248	21332	5.05	ng		87
68) Hexachlorobenzene	16.804	284	22813	4.95	ng		97
69) Atrazine	16.945	200	20561	5.58	ng		97
70) Pentachlorophenol	17.144	266	13293	4.82	ng		96
71) Phenanthrene	17.544	178	94319	5.09	ng		96
72) Anthracene	17.638	178	90484	4.92	ng		97
73) Carbazole	17.902	167	90562	5.32	ng		96
74) Di-n-butylphthalate	18.460	149	95796	5.50	ng	#	96
75) Fluoranthene	19.553	202	127235	5.18	ng		92
77) Benzidine	19.730	184	59098	5.86	ng		98
78) Pyrene	19.918	202	133035	5.13	ng		93
80) Butylbenzylphthalate	20.799	149	46383	5.80	ng	#	82
81) Benzo(a)anthracene	21.774	228	137259	5.09	ng		95
82) 3,3'-Dichlorobenzidine	21.686	252	49323	5.41	ng	#	97
83) Chrysene	21.845	228	132656	5.15	ng		97
84) Bis(2-ethylhexyl)phtha...	21.680	149	62874	5.31	ng	#	94
85) Di-n-octyl phthalate	22.938	149	107328	5.44	ng	#	93
87) Indeno(1,2,3-cd)pyrene	28.954	276	141308m	4.78	ng		
88) Benzo(b)fluoranthene	24.071	252	127343m	4.75	ng		
89) Benzo(k)fluoranthene	24.142	252	125695	4.89	ng	#	97
90) Benzo(a)pyrene	24.976	252	118462	4.79	ng	#	94
91) Dibenzo(a,h)anthracene	29.024	278	121824	4.84	ng	#	91
92) Benzo(g,h,i)perylene	30.153	276	117437	4.81	ng	#	86

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

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