Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033021\
Data File : BG048515.D
Acq On : 30 Mar 2021 18:44
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC020

Manual Integrations APPROVED
mohammad
3/31/2021 1:37:07 PM

Quant Time: Mar 31 00:55:03 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 00:52:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.098	152	18035	20.00	ng	#	0.00
21) Naphthalene-d8	10.924	136	74472	20.00	ng		0.00
39) Acenaphthene-d10	14.749	164	54393	20.00	ng		0.00
64) Phenanthrene-d10	17.504	188	132274	20.00	ng	#	0.00
76) Chrysene-d12	21.799	240	132947	20.00	ng	#	0.00
86) Perylene-d12	25.137	264	132743	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.642	112	42116	38.62	ng		0.00
7) Phenol-d6	7.246	99	62358	39.29	ng		0.00
23) Nitrobenzene-d5	9.261	82	62536	33.58	ng		0.00
42) 2,4,6-Tribromophenol	16.235	330	30610	34.60	ng		0.00
45) 2-Fluorobiphenyl	13.368	172	151877	40.17	ng		0.00
79) Terphenyl-d14	20.107	244	307342	41.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.509	88	9457	20.55	ng	#	86
3) Pyridine	3.920	79	22206m	17.31	ng		
4) n-Nitrosodimethylamine	3.826	42	13497	18.11	ng	#	68
6) Aniline	7.410	93	35713	19.03	ng		99
8) 2-Chlorophenol	7.657	128	23847	20.97	ng		98
9) Benzaldehyde	7.228	77	20264	20.26	ng	#	87
10) Phenol	7.269	94	30895	19.00	ng		95
11) bis(2-Chloroethyl)ether	7.510	93	21319	18.71	ng		94
12) 1,3-Dichlorobenzene	7.986	146	27990	20.69	ng		99
13) 1,4-Dichlorobenzene	8.133	146	27366	20.38	ng		92
14) 1,2-Dichlorobenzene	8.456	146	26497	20.57	ng		94
15) Benzyl Alcohol	8.333	79	25492	18.09	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.626	45	20369	15.63	ng		93
17) 2-Methylphenol	8.532	107	20397	19.78	ng		92
18) Hexachloroethane	9.191	117	10671	20.66	ng		89
19) n-Nitroso-di-n-propyla...	8.903	70	20636	17.52	ng		98
20) 3+4-Methylphenols	8.861	107	27619	19.55	ng		94
22) Acetophenone	8.920	105	40696	19.43	ng	#	96
24) Nitrobenzene	9.308	77	30170	15.12	ng	#	96
25) Isophorone	9.825	82	59770	16.76	ng	#	92
26) 2-Nitrophenol	10.025	139	14078	18.56	ng		87
27) 2,4-Dimethylphenol	10.078	122	23107	19.52	ng		93
28) bis(2-Chloroethoxy)met...	10.319	93	27212	16.84	ng		93
29) 2,4-Dichlorophenol	10.565	162	26012	18.94	ng		91
30) 1,2,4-Trichlorobenzene	10.777	180	28794	17.35	ng		92
31) Naphthalene	10.977	128	79951	19.36	ng		99
32) Benzoic acid	10.172	122	16500	17.92	ng		94
33) 4-Chloroaniline	11.077	127	33637	19.05	ng		99
34) Hexachlorobutadiene	11.253	225	22362	16.99	ng		100
35) Caprolactam	11.840	113	9898	20.19	ng	#	81
36) 4-Chloro-3-methylphenol	12.193	107	28483	17.87	ng		98
37) 2-Methylnaphthalene	12.581	142	62465	19.82	ng		97
38) 1-Methylnaphthalene	12.798	142	60646	20.46	ng	#	95
40) 1,2,4,5-Tetrachloroben...	12.939	216	34924	17.58	ng		97
41) Hexachlorocyclopentadiene	12.921	237	19549	15.22	ng		97
43) 2,4,6-Trichlorophenol	13.174	196	24190	17.97	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.250	196	25319	17.09	ng	#	81
46) 1,1'-Biphenyl	13.579	154	85087	21.80	ng		98
47) 2-Chloronaphthalene	13.626	162	64223	20.40	ng		92
48) 2-Nitroaniline	13.820	65	20511	17.61	ng		87
49) Acenaphthylene	14.467	152	100600	19.74	ng		98
50) Dimethylphthalate	14.191	163	87159	19.69	ng	#	97
51) 2,6-Dinitrotoluene	14.314	165	19272	20.23	ng		89
52) Acenaphthene	14.813	154	71200	20.79	ng		95
53) 3-Nitroaniline	14.643	138	19294	21.15	ng		95
54) 2,4-Dinitrophenol	14.849	184	10096	17.36	ng		94
55) Dibenzofuran	15.148	168	105477	20.67	ng		95
56) 4-Nitrophenol	14.948	139	15066	18.46	ng		99
57) 2,4-Dinitrotoluene	15.101	165	27801	20.55	ng	#	99
58) Fluorene	15.795	166	88086	20.57	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.366	232	27197	18.60	ng		98
60) Diethylphthalate	15.554	149	88256	20.39	ng		98
61) 4-Chlorophenyl-phenyle...	15.789	204	46568	18.90	ng		90
62) 4-Nitroaniline	15.806	138	19663	19.68	ng		84
63) Azobenzene	16.077	77	88201	18.73	ng		96
65) 4,6-Dinitro-2-methylph...	15.865	198	16481	19.79	ng		96
66) n-Nitrosodiphenylamine	16.000	169	77617	20.26	ng		99
67) 4-Bromophenyl-phenylether	16.682	248	31273	18.77	ng		88
68) Hexachlorobenzene	16.805	284	32276	18.08	ng		92
69) Atrazine	16.940	200	33456	21.71	ng		91
70) Pentachlorophenol	17.146	266	20140	16.97	ng		91
71) Phenanthrene	17.545	178	149965	21.46	ng		97
72) Anthracene	17.634	178	148533	21.43	ng		98
73) Carbazole	17.904	167	140512	21.25	ng		97
74) Di-n-butylphthalate	18.456	149	159624	21.82	ng		98
75) Fluoranthene	19.555	202	186936	20.09	ng		98
77) Benzidine	19.725	184	97154	24.40	ng		98
78) Pyrene	19.913	202	191036	20.92	ng		98
80) Butylbenzylphthalate	20.795	149	70342	21.68	ng		98
81) Benzo(a)anthracene	21.776	228	186216	20.20	ng		99
82) 3,3'-Dichlorobenzidine	21.688	252	65367	19.64	ng		95
83) Chrysene	21.846	228	175803	19.89	ng		98
84) Bis(2-ethylhexyl)phtha...	21.676	149	96696	21.57	ng	#	96
85) Di-n-octyl phthalate	22.933	149	173955	23.17	ng	#	99
87) Indeno(1,2,3-cd)pyrene	28.961	276	200959	19.85	ng	#	90
88) Benzo(b)fluoranthene	24.073	252	187496	20.04	ng		98
89) Benzo(k)fluoranthene	24.144	252	178468	20.22	ng		100
90) Benzo(a)pyrene	24.978	252	169344	19.85	ng		98
91) Dibenzo(a,h)anthracene	29.038	278	170250	19.71	ng		97
92) Benzo(g,h,i)perylene	30.160	276	168453	20.10	ng	#	90

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

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