Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033021\
Data File : BG048518.D
Acq On : 30 Mar 2021 20:45
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 31 00:56:03 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

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.097	152	21628	20.00	ng	#	0.00
21) Naphthalene-d8	10.923	136	94927	20.00	ng		0.00
39) Acenaphthene-d10	14.753	164	66702	20.00	ng		0.00
64) Phenanthrene-d10	17.503	188	160445	20.00	ng		0.00
76) Chrysene-d12	21.804	240	141948	20.00	ng	#	0.00
86) Perylene-d12	25.147	264	154504	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.641	112	151593	115.91	ng		0.00
7) Phenol-d6	7.250	99	222113	116.71	ng		0.00
23) Nitrobenzene-d5	9.272	82	224482	94.55	ng		0.00
42) 2,4,6-Tribromophenol	16.246	330	106578	98.25	ng		0.00
45) 2-Fluorobiphenyl	13.373	172	524436	113.10	ng		0.00
79) Terphenyl-d14	20.112	244	917149	116.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.508	88	28625	51.88	ng		98
3) Pyridine	3.913	79	77767m	50.55	ng		
4) n-Nitrosodimethylamine	3.825	42	51982	58.15	ng		98
6) Aniline	7.415	93	123847	55.02	ng		95
8) 2-Chlorophenol	7.662	128	83865	61.49	ng		96
9) Benzaldehyde	7.227	77	64903	54.10	ng		96
10) Phenol	7.274	94	107681	55.22	ng		96
11) bis(2-Chloroethyl)ether	7.509	93	74028	54.18	ng		95
12) 1,3-Dichlorobenzene	7.985	146	94750	58.40	ng		99
13) 1,4-Dichlorobenzene	8.132	146	95518	59.31	ng		97
14) 1,2-Dichlorobenzene	8.455	146	91702	59.35	ng		93
15) Benzyl Alcohol	8.332	79	92565	54.78	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.619	45	72901	46.66	ng		95
17) 2-Methylphenol	8.537	107	70609	57.10	ng		89
18) Hexachloroethane	9.195	117	35942	58.01	ng	#	84
19) n-Nitroso-di-n-propyla...	8.907	70	75152	53.20	ng		94
20) 3+4-Methylphenols	8.872	107	101184	59.73	ng		92
22) Acetophenone	8.925	105	135744	50.85	ng	#	99
24) Nitrobenzene	9.313	77	112428	44.20	ng		95
25) Isophorone	9.836	82	208540	45.89	ng		98
26) 2-Nitrophenol	10.030	139	51680	53.46	ng		98
27) 2,4-Dimethylphenol	10.082	122	78189	51.83	ng		92
28) bis(2-Chloroethoxy)met...	10.317	93	95667	46.44	ng		99
29) 2,4-Dichlorophenol	10.564	162	91779	52.43	ng		94
30) 1,2,4-Trichlorobenzene	10.782	180	101034	47.75	ng		99
31) Naphthalene	10.976	128	276049	52.45	ng		98
32) Benzoic acid	10.241	122	70437	60.00	ng		86
33) 4-Chloroaniline	11.081	127	120929	53.74	ng		96
34) Hexachlorobutadiene	11.258	225	74506	44.42	ng	#	89
35) Caprolactam	11.863	113	33395m	53.44	ng		
36) 4-Chloro-3-methylphenol	12.198	107	105304	51.82	ng		93
37) 2-Methylnaphthalene	12.580	142	222331	55.34	ng		95
38) 1-Methylnaphthalene	12.797	142	211593m	56.00	ng		
40) 1,2,4,5-Tetrachloroben...	12.944	216	123208	50.58	ng		99
41) Hexachlorocyclopentadiene	12.926	237	76938	48.86	ng		98
43) 2,4,6-Trichlorophenol	13.179	196	85472	51.77	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.255	196	92785	51.07	ng		95
46) 1,1'-Biphenyl	13.584	154	285994	59.74	ng		99
47) 2-Chloronaphthalene	13.631	162	218620	56.64	ng		96
48) 2-Nitroaniline	13.825	65	73563	51.49	ng		88
49) Acenaphthylene	14.471	152	346529	55.45	ng		98
50) Dimethylphthalate	14.201	163	293677	54.10	ng		98
51) 2,6-Dinitrotoluene	14.319	165	69385	59.39	ng		97
52) Acenaphthene	14.818	154	249773m	59.46	ng		
53) 3-Nitroaniline	14.654	138	66047	59.04	ng	#	87
54) 2,4-Dinitrophenol	14.853	184	40097	56.23	ng		94
55) Dibenzofuran	15.147	168	362410	57.93	ng		95
56) 4-Nitrophenol	14.959	139	56745	56.68	ng	#	78
57) 2,4-Dinitrotoluene	15.106	165	97008	58.47	ng		95
58) Fluorene	15.799	166	300051	57.14	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.370	232	90424	50.43	ng		99
60) Diethylphthalate	15.564	149	295907	55.76	ng		97
61) 4-Chlorophenyl-phenyle...	15.788	204	162991	53.96	ng		96
62) 4-Nitroaniline	15.817	138	68872	56.20	ng		97
63) Azobenzene	16.081	77	286191	49.56	ng		97
65) 4,6-Dinitro-2-methylph...	15.870	198	62318	61.68	ng		94
66) n-Nitrosodiphenylamine	16.005	169	271838	58.49	ng		98
67) 4-Bromophenyl-phenylether	16.686	248	102411	50.68	ng		98
68) Hexachlorobenzene	16.804	284	108310	50.02	ng		98
69) Atrazine	16.951	200	107494	57.50	ng		99
70) Pentachlorophenol	17.145	266	75164	52.22	ng		92
71) Phenanthrene	17.550	178	475834	56.14	ng		99
72) Anthracene	17.638	178	473504	56.31	ng		97
73) Carbazole	17.909	167	446401	55.67	ng		96
74) Di-n-butylphthalate	18.455	149	508506	57.29	ng		98
75) Fluoranthene	19.554	202	582453	51.61	ng		97
77) Benzidine	19.730	184	288786	67.92	ng		100
78) Pyrene	19.918	202	576924	59.18	ng		97
80) Butylbenzylphthalate	20.799	149	220143	63.54	ng		96
81) Benzo(a)anthracene	21.781	228	556844	56.56	ng		97
82) 3,3'-Dichlorobenzidine	21.692	252	199089	56.04	ng		92
83) Chrysene	21.851	228	536386	56.83	ng		95
84) Bis(2-ethylhexyl)phtha...	21.675	149	313978	65.58	ng	#	99
85) Di-n-octyl phthalate	22.932	149	547584	68.31	ng	#	100
87) Indeno(1,2,3-cd)pyrene	28.984	276	630075	53.47	ng	#	100
88) Benzo(b)fluoranthene	24.084	252	580079m	53.28	ng		
89) Benzo(k)fluoranthene	24.154	252	559188	54.43	ng		100
90) Benzo(a)pyrene	24.989	252	542343	54.63	ng		95
91) Dibenzo(a,h)anthracene	29.060	278	529929	52.72	ng		97
92) Benzo(g,h,i)perylene	30.188	276	522432	53.57	ng		98

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

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