Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110420\
Data File : BG047208.D
Acq On : 4 Nov 2020 11:53
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
mohammad
11/5/2020 11:31:42 AM

Quant Time: Nov 04 14:03:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG110420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 04 14:01:38 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.006	152	44186	20.00	ng	#	0.00
21) Naphthalene-d8	10.814	136	175411	20.00	ng	#	0.00
39) Acenaphthene-d10	14.645	164	127982	20.00	ng		0.00
64) Phenanthrene-d10	17.389	188	303696	20.00	ng	#	0.00
76) Chrysene-d12	21.643	240	338906	20.00	ng	#	0.00
86) Perylene-d12	24.839	264	344153	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.562	112	60111	22.06	ng		0.00
7) Phenol-d6	7.154	99	88635	22.66	ng		0.00
23) Nitrobenzene-d5	9.163	82	88939	21.69	ng		0.00
42) 2,4,6-Tribromophenol	16.126	330	44189	20.78	ng		0.00
45) 2-Fluorobiphenyl	13.264	172	224826	22.24	ng		0.00
79) Terphenyl-d14	19.992	244	445747	22.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.429	88	15401	11.41	ng	#	94
3) Pyridine	3.834	79	40514	11.17	ng		97
4) n-Nitrosodimethylamine	3.746	42	19799	10.85	ng	#	74
6) Aniline	7.324	93	51226	10.84	ng	#	88
8) 2-Chlorophenol	7.565	128	33395	11.71	ng		90
9) Benzaldehyde	7.136	77	30156	10.97	ng		97
10) Phenol	7.183	94	42404	11.32	ng		77
11) bis(2-Chloroethyl)ether	7.418	93	34668	11.62	ng		92
12) 1,3-Dichlorobenzene	7.894	146	42992m	11.31	ng		
13) 1,4-Dichlorobenzene	8.041	146	44342	11.62	ng		93
14) 1,2-Dichlorobenzene	8.364	146	41594m	11.52	ng		
15) Benzyl Alcohol	8.235	79	32498	10.76	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.529	45	53484	11.40	ng		96
17) 2-Methylphenol	8.447	107	28984	11.60	ng	#	93
18) Hexachloroethane	9.093	117	15797	11.18	ng		87
19) n-Nitroso-di-n-propyla...	8.805	70	29020	10.87	ng	#	90
20) 3+4-Methylphenols	8.770	107	37961	10.92	ng	#	84
22) Acetophenone	8.823	105	55892	10.91	ng	#	90
24) Nitrobenzene	9.210	77	46042	11.06	ng		89
25) Isophorone	9.727	82	75572	10.57	ng		94
26) 2-Nitrophenol	9.921	139	18149	10.05	ng	#	92
27) 2,4-Dimethylphenol	9.980	122	25344	10.46	ng	#	82
28) bis(2-Chloroethoxy)met...	10.215	93	46868	10.84	ng		98
29) 2,4-Dichlorophenol	10.456	162	35327	10.49	ng		93
30) 1,2,4-Trichlorobenzene	10.679	180	45087	10.98	ng		97
31) Naphthalene	10.867	128	112394	11.03	ng		98
32) Benzoic acid	10.051	122	11503	7.35	ng	#	87
33) 4-Chloroaniline	10.973	127	44584	10.65	ng	#	92
34) Hexachlorobutadiene	11.155	225	35525	11.57	ng		92
35) Caprolactam	11.713	113	11717	12.31	ng	#	87
36) 4-Chloro-3-methylphenol	12.089	107	36139	10.47	ng		90
37) 2-Methylnaphthalene	12.471	142	82530	10.89	ng	#	94
38) 1-Methylnaphthalene	12.689	142	79863	10.95	ng		94
40) 1,2,4,5-Tetrachloroben...	12.836	216	55503	10.97	ng		99
41) Hexachlorocyclopentadiene	12.818	237	25203	9.62	ng		97
43) 2,4,6-Trichlorophenol	13.071	196	35189	10.85	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.147	196	34519	10.38	ng	#	91
46) 1,1'-Biphenyl	13.476	154	118274	11.26	ng		94
47) 2-Chloronaphthalene	13.517	162	92717	10.67	ng		96
48) 2-Nitroaniline	13.717	65	28197	9.87	ng	#	78
49) Acenaphthylene	14.363	152	137098	10.91	ng		98
50) Dimethylphthalate	14.087	163	126732	11.12	ng		98
51) 2,6-Dinitrotoluene	14.210	165	25051	10.41	ng	#	67
52) Acenaphthene	14.704	154	85577	10.55	ng		95
53) 3-Nitroaniline	14.539	138	24056	10.39	ng	#	70
54) 2,4-Dinitrophenol	14.745	184	12531	9.96	ng	#	83
55) Dibenzofuran	15.039	168	145029	10.98	ng		98
56) 4-Nitrophenol	14.839	139	17745	10.24	ng	#	65
57) 2,4-Dinitrotoluene	14.998	165	36385	10.72	ng	#	82
58) Fluorene	15.685	166	117817	11.20	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.268	232	38011	10.89	ng	#	96
60) Diethylphthalate	15.450	149	124827	11.13	ng		93
61) 4-Chlorophenyl-phenyle...	15.679	204	69130	11.07	ng		98
62) 4-Nitroaniline	15.697	138	25457	10.21	ng	#	65
63) Azobenzene	15.973	77	111237	11.05	ng		91
65) 4,6-Dinitro-2-methylph...	15.761	198	20029	11.77	ng		90
66) n-Nitrosodiphenylamine	15.891	169	103374	11.00	ng		93
67) 4-Bromophenyl-phenylether	16.572	248	45012	10.55	ng		96
68) Hexachlorobenzene	16.690	284	50206	10.82	ng		94
69) Atrazine	16.837	200	44618	11.00	ng		93
70) Pentachlorophenol	17.036	266	24523	12.89	ng		97
71) Phenanthrene	17.430	178	198787	11.25	ng		97
72) Anthracene	17.518	178	194185	11.32	ng		97
73) Carbazole	17.783	167	168658	11.18	ng		98
74) Di-n-butylphthalate	18.341	149	207849	11.18	ng		96
75) Fluoranthene	19.434	202	260037	11.51	ng		94
77) Benzidine	19.616	184	101742	8.87	ng		99
78) Pyrene	19.798	202	264409	11.08	ng		96
80) Butylbenzylphthalate	20.679	149	93984	10.42	ng		91
81) Benzo(a)anthracene	21.625	228	271303	11.36	ng		95
82) 3,3'-Dichlorobenzidine	21.537	252	85962	10.51	ng		97
83) Chrysene	21.690	228	258270	11.24	ng		96
84) Bis(2-ethylhexyl)phtha...	21.531	149	131097	10.51	ng		91
85) Di-n-octyl phthalate	22.724	149	220555	10.51	ng		96
87) Indeno(1,2,3-cd)pyrene	28.453	276	281359	10.75	ng	#	89
88) Benzo(b)fluoranthene	23.817	252	255905	10.86	ng		97
89) Benzo(k)fluoranthene	23.887	252	255691	11.15	ng	#	95
90) Benzo(a)pyrene	24.680	252	238439	10.85	ng	#	96
91) Dibenzo(a,h)anthracene	28.523	278	233054	11.10	ng	#	92
92) Benzo(g,h,i)perylene	29.586	276	227930	10.88	ng	#	94

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

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