Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031621\
Data File : BG048385.D
Acq On : 16 Mar 2021 9:15
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 16 14:19:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 16 14:17:30 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

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3/17/2021 10:51:07 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.117	152	49918	20.00	ng		0.00
21) Naphthalene-d8	10.938	136	180779	20.00	ng	#	0.00
39) Acenaphthene-d10	14.751	164	123146	20.00	ng		0.00
64) Phenanthrene-d10	17.501	188	311271	20.00	ng	#	0.00
76) Chrysene-d12	21.796	240	366782	20.00	ng	#	0.00
86) Perylene-d12	25.133	264	368374	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.656	112	25589	8.73	ng		0.00
7) Phenol-d6	7.254	99	36906	8.28	ng		0.00
23) Nitrobenzene-d5	0.000	82	0d	0.00	ng		
42) 2,4,6-Tribromophenol	16.237	330	10953	5.56	ng		0.00
45) 2-Fluorobiphenyl	13.376	172	89605	10.20	ng		0.00
79) Terphenyl-d14	20.109	244	185360	9.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.546	88	6921	5.15	ng	#	89
3) Pyridine	3.958	79	16170	4.35	ng	#	80
4) n-Nitrosodimethylamine	3.864	42	10632	5.39	ng	#	55
6) Aniline	7.430	93	23705	4.45	ng	#	89
8) 2-Chlorophenol	7.671	128	12690	3.94	ng		94
9) Benzaldehyde	7.242	77	16223	5.14	ng		88
10) Phenol	7.277	94	18843	4.18	ng		82
11) bis(2-Chloroethyl)ether	7.524	93	14119	4.02	ng	#	67
12) 1,3-Dichlorobenzene	8.000	146	19474	5.23	ng	#	83
13) 1,4-Dichlorobenzene	8.147	146	18310m	4.88	ng		
14) 1,2-Dichlorobenzene	8.476	146	17812	4.99	ng		96
15) Benzyl Alcohol	8.347	79	14390	3.66	ng	#	82
16) 2,2'-oxybis(1-Chloropr...	8.635	45	18822	4.14	ng		82
17) 2-Methylphenol	8.541	107	12459	4.24	ng	#	89
18) Hexachloroethane	9.210	117	7021	4.91	ng	#	60
19) n-Nitroso-di-n-propyla...	8.911	70	14760	4.29	ng	#	87
20) 3+4-Methylphenols	8.875	107	15868	3.88	ng		82
22) Acetophenone	8.934	105	23911	4.61	ng	#	78
24) Nitrobenzene	9.316	77	13911	3.05	ng	#	76
25) Isophorone	9.845	82	40434	4.77	ng	#	85
26) 2-Nitrophenol	10.039	139	5071	2.69	ng	#	80
27) 2,4-Dimethylphenol	10.086	122	12435	4.58	ng	#	85
28) bis(2-Chloroethoxy)met...	10.333	93	17897	4.32	ng	#	89
29) 2,4-Dichlorophenol	10.568	162	11046	3.18	ng		81
30) 1,2,4-Trichlorobenzene	10.791	180	18621	4.72	ng	#	83
31) Naphthalene	10.985	128	47391	4.75	ng	#	96
32) Benzoic acid	10.133	122	6117	3.68	ng	#	72
33) 4-Chloroaniline	11.085	127	17680	4.08	ng	#	82
34) Hexachlorobutadiene	11.273	225	14506	4.91	ng		94
35) Caprolactam	11.825	113	3821	3.32	ng	#	49
36) 4-Chloro-3-methylphenol	12.189	107	13893	3.62	ng	#	77
37) 2-Methylnaphthalene	12.589	142	35970	4.64	ng	#	93
38) 1-Methylnaphthalene	12.800	142	34946	4.76	ng	#	86
40) 1,2,4,5-Tetrachloroben...	12.947	216	22834	5.19	ng	#	94
41) Hexachlorocyclopentadiene	12.935	237	10439	3.89	ng		80
43) 2,4,6-Trichlorophenol	13.176	196	9454m	2.99	ng		

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.247	196	11133	3.27	ng		92
46) 1,1'-Biphenyl	13.588	154	44449	5.04	ng		96
47) 2-Chloronaphthalene	13.635	162	36502	4.86	ng		98
48) 2-Nitroaniline	13.817	65	6262	2.32	ng		90
49) Acenaphthylene	14.475	152	57355	4.94	ng		97
50) Dimethylphthalate	14.199	163	39496	3.84	ng	#	95
51) 2,6-Dinitrotoluene	14.316	165	6371	2.75	ng	#	83
52) Acenaphthene	14.816	154	37281	4.74	ng		94
53) 3-Nitroaniline	14.639	138	7146	3.14	ng	#	95
54) 2,4-Dinitrophenol	14.845	184	4995	3.32	ng	#	82
55) Dibenzofuran	15.150	168	58471	4.76	ng	#	90
56) 4-Nitrophenol	14.927	139	5694	3.06	ng		85
57) 2,4-Dinitrotoluene	15.098	165	8644	2.59	ng	#	94
58) Fluorene	15.803	166	48827	5.01	ng	#	95
59) 2,3,4,6-Tetrachlorophenol	15.368	232	10366	3.04	ng	#	99
60) Diethylphthalate	15.562	149	36107	3.43	ng		98
61) 4-Chlorophenyl-phenyle...	15.791	204	26470	4.51	ng	#	86
62) 4-Nitroaniline	15.803	138	7872	3.33	ng		96
63) Azobenzene	16.079	77	55036	5.24	ng		83
65) 4,6-Dinitro-2-methylph...	15.855	198	5567	2.46	ng		90
66) n-Nitrosodiphenylamine	16.002	169	43441	4.83	ng		92
67) 4-Bromophenyl-phenylether	16.684	248	17463	4.38	ng		93
68) Hexachlorobenzene	16.801	284	19764	4.80	ng	#	84
69) Atrazine	16.942	200	13002	3.47	ng		93
71) Phenanthrene	17.542	178	79875	4.73	ng		98
72) Anthracene	17.636	178	80766	4.81	ng		97
73) Carbazole	17.900	167	70913	4.47	ng		99
74) Di-n-butylphthalate	18.464	149	58788	3.34	ng	#	95
75) Fluoranthene	19.551	202	110613	5.03	ng		94
77) Benzidine	19.727	184	46606	3.89	ng		95
78) Pyrene	19.915	202	112851	4.41	ng		94
80) Butylbenzylphthalate	20.797	149	23914	2.67	ng		91
81) Benzo(a)anthracene	21.778	228	125942	4.92	ng		96
82) 3,3'-Dichlorobenzidine	21.690	252	35449	3.87	ng	#	91
83) Chrysene	21.843	228	117790	4.82	ng		93
84) Bis(2-ethylhexyl)phtha...	21.684	149	39163	3.11	ng		98
85) Di-n-octyl phthalate	22.941	149	62130	2.90	ng	#	94
87) Indeno(1,2,3-cd)pyrene	28.946	276	131961	4.73	ng	#	82
88) Benzo(b)fluoranthene	24.064	252	122369m	4.80	ng		
89) Benzo(k)fluoranthene	24.140	252	119685	4.93	ng	#	97
90) Benzo(a)pyrene	24.974	252	109546	4.64	ng	#	96
91) Dibenzo(a,h)anthracene	29.017	278	114768	4.82	ng	#	96
92) Benzo(g,h,i)perylene	30.121	276	109643	4.74	ng	#	83

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

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