Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031621\
Data File : BG048391.D
Acq On : 16 Mar 2021 14:49
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 16 15:25:03 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 :
SSTDICC080

Manual Integrations APPROVED
mohammad
3/17/2021 10:51:23 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.116	152	63681	20.00	ng		0.00
21) Naphthalene-d8	10.936	136	221638	20.00	ng		0.00
39) Acenaphthene-d10	14.755	164	162015	20.00	ng		0.00
64) Phenanthrene-d10	17.505	188	392058	20.00	ng	#	0.00
76) Chrysene-d12	21.800	240	389550	20.00	ng	#	0.00
86) Perylene-d12	25.137	264	404272	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.660	112	532585	142.36	ng		0.00
7) Phenol-d6	7.264	99	784191	137.97	ng		0.00
23) Nitrobenzene-d5	9.285	82	797648	152.23	ng		0.00
42) 2,4,6-Tribromophenol	16.248	330	345646	133.38	ng		0.00
45) 2-Fluorobiphenyl	13.381	172	1596331	138.13	ng		0.00
79) Terphenyl-d14	20.114	244	2675409	125.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.539	88	123070	71.79	ng	#	94
3) Pyridine	3.945	79	343924m	72.56	ng		
4) n-Nitrosodimethylamine	3.856	42	202842	80.62	ng	#	70
6) Aniline	7.441	93	470413	69.27	ng		90
8) 2-Chlorophenol	7.676	128	272087	66.22	ng		82
9) Benzaldehyde	7.247	77	189995	47.19	ng	#	73
10) Phenol	7.288	94	395452	68.81	ng	#	65
11) bis(2-Chloroethyl)ether	7.529	93	281208	62.81	ng		91
12) 1,3-Dichlorobenzene	8.005	146	328949	69.30	ng	#	87
13) 1,4-Dichlorobenzene	8.151	146	331956	69.34	ng	#	95
15) Benzyl Alcohol	8.351	79	357012	71.27	ng	#	83
16) 2,2'-oxybis(1-Chloropr...	8.645	45	334286	57.57	ng		86
17) 2-Methylphenol	8.545	107	254484	67.91	ng	#	79
18) Hexachloroethane	9.209	117	124454	68.19	ng		98
19) n-Nitroso-di-n-propyla...	8.933	70	296219	67.52	ng	#	96
20) 3+4-Methylphenols	8.880	107	358965	68.74	ng		85
22) Acetophenone	8.945	105	452340	71.09	ng	#	89
24) Nitrobenzene	9.332	77	428680	76.68	ng	#	82
25) Isophorone	9.855	82	783313	75.39	ng	#	91
26) 2-Nitrophenol	10.043	139	150384	65.03	ng	#	68
27) 2,4-Dimethylphenol	10.090	122	261617	78.59	ng		87
28) bis(2-Chloroethoxy)met...	10.337	93	354650	69.82	ng		98
29) 2,4-Dichlorophenol	10.572	162	300634	70.62	ng		94
30) 1,2,4-Trichlorobenzene	10.795	180	353841	73.11	ng		96
31) Naphthalene	10.989	128	871603	71.24	ng		98
32) Benzoic acid	10.255	122	191487	93.91	ng	#	76
33) 4-Chloroaniline	11.089	127	384952	72.53	ng	#	86
34) Hexachlorobutadiene	11.271	225	273612	75.59	ng		98
35) Caprolactam	11.888	113	101500m	71.98	ng		
36) 4-Chloro-3-methylphenol	12.200	107	347464	73.83	ng		88
37) 2-Methylnaphthalene	12.587	142	676657	71.13	ng	#	91
38) 1-Methylnaphthalene	12.811	142	630868	70.11	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.952	216	429544	74.23	ng	#	97
41) Hexachlorocyclopentadiene	12.934	237	268085	75.97	ng		100
43) 2,4,6-Trichlorophenol	13.187	196	300103	72.17	ng		98
44) 2,4,5-Trichlorophenol	13.257	196	320046	71.36	ng	#	90

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.592	154	844457	72.76	ng		98
47) 2-Chloronaphthalene	13.639	162	677675	68.61	ng		94
48) 2-Nitroaniline	13.833	65	254096	71.67	ng	#	74
49) Acenaphthylene	14.479	152	1077656	70.53	ng		100
50) Dimethylphthalate	14.209	163	920576	67.96	ng		100
51) 2,6-Dinitrotoluene	14.327	165	203341	66.79	ng	#	60
52) Acenaphthene	14.820	154	738512	71.39	ng		99
53) 3-Nitroaniline	14.656	138	196767	65.81	ng	#	73
54) 2,4-Dinitrophenol	14.855	184	115310	58.19	ng	#	80
55) Dibenzofuran	15.155	168	1071321	66.23	ng	#	90
56) 4-Nitrophenol	14.949	139	169218	69.04	ng	#	36
57) 2,4-Dinitrotoluene	15.108	165	284919	64.79	ng	#	62
58) Fluorene	15.801	166	905052	70.53	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.372	232	304516	67.79	ng	#	95
60) Diethylphthalate	15.572	149	898716	64.89	ng		98
61) 4-Chlorophenyl-phenyle...	15.795	204	535962	69.36	ng		98
62) 4-Nitroaniline	15.825	138	204015	65.61	ng	#	46
63) Azobenzene	16.089	77	1015314	73.46	ng		86
65) 4,6-Dinitro-2-methylph...	15.872	198	167051	58.71	ng		82
66) n-Nitrosodiphenylamine	16.007	169	831528	73.33	ng		98
67) 4-Bromophenyl-phenylether	16.688	248	341111	67.86	ng	#	93
68) Hexachlorobenzene	16.806	284	381561	73.59	ng		96
69) Atrazine	16.953	200	302386	64.13	ng		98
70) Pentachlorophenol	17.147	266	256685	75.27	ng		99
71) Phenanthrene	17.552	178	1445329	67.89	ng		99
72) Anthracene	17.640	178	1438225	68.03	ng		99
73) Carbazole	17.905	167	1327155	66.38	ng	#	95
74) Di-n-butylphthalate	18.463	149	1462230	65.99	ng	#	97
75) Fluoranthene	19.556	202	1848400	66.69	ng		96
77) Benzidine	19.732	184	657156	51.63	ng		99
78) Pyrene	19.920	202	1838241	67.57	ng		98
80) Butylbenzylphthalate	20.801	149	671679	70.50	ng	#	82
81) Benzo(a)anthracene	21.783	228	1885716	69.39	ng		97
82) 3,3'-Dichlorobenzidine	21.694	252	674504	69.30	ng		99
83) Chrysene	21.853	228	1802734	69.44	ng		96
84) Bis(2-ethylhexyl)phtha...	21.683	149	962765	71.93	ng		98
85) Di-n-octyl phthalate	22.946	149	1629625	71.51	ng	#	94
87) Indeno(1,2,3-cd)pyrene	28.992	276	2282618	74.51	ng	#	88
88) Benzo(b)fluoranthene	24.086	252	2018878	72.23	ng	#	97
89) Benzo(k)fluoranthene	24.156	252	1922910	72.12	ng	#	96
90) Benzo(a)pyrene	24.991	252	1869742	72.12	ng	#	96
91) Dibenzo(a,h)anthracene	29.068	278	1917644	73.39	ng	#	94
92) Benzo(g,h,i)perylene	30.190	276	1891704	74.49	ng	#	92

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

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