Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031821\
Data File : BG048418.D
Acq On : 18 Mar 2021 15:37
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
3/19/2021 12:06:01 PM

Quant Time: Mar 18 16:16:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 18 14:16:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.112	152	61468	20.00	ng		0.00
21) Naphthalene-d8	10.938	136	204882	20.00	ng	#	0.00
39) Acenaphthene-d10	14.757	164	159179	20.00	ng		0.00
64) Phenanthrene-d10	17.507	188	388937	20.00	ng	#	0.00
76) Chrysene-d12	21.802	240	389965	20.00	ng	#	0.00
86) Perylene-d12	25.139	264	396514	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.656	112	510600	142.68	ng		0.00
7) Phenol-d6	7.260	99	734037	139.23	ng		0.00
23) Nitrobenzene-d5	9.287	82	769350	166.85	ng		0.00
42) 2,4,6-Tribromophenol	16.243	330	382336	187.74	ng		0.00
45) 2-Fluorobiphenyl	13.382	172	1530150	135.47	ng		0.00
79) Terphenyl-d14	0.000	244	0d	0.00	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	3.535	88	104965	61.34	ng	#	93
3) Pyridine	3.940	79	307283m	65.79	ng		
4) n-Nitrosodimethylamine	3.852	42	182136	67.52	ng	#	63
6) Aniline	7.436	93	438180	67.59	ng	#	89
8) 2-Chlorophenol	7.677	128	268506	74.33	ng		89
10) Phenol	7.289	94	364535	67.74	ng	#	70
11) bis(2-Chloroethyl)ether	7.530	93	265313	68.28	ng		98
12) 1,3-Dichlorobenzene	8.000	146	314549	68.27	ng	#	90
13) 1,4-Dichlorobenzene	8.147	146	309518	67.20	ng	#	90
14) 1,2-Dichlorobenzene	8.470	146	297623m	66.04	ng		
15) Benzyl Alcohol	8.347	79	338406	73.25	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.646	45	297538	62.65	ng		85
17) 2-Methylphenol	8.546	107	239998	69.74	ng	#	82
18) Hexachloroethane	9.205	117	121473	72.08	ng		98
19) n-Nitroso-di-n-propyla...	8.928	70	269267	66.28	ng		98
20) 3+4-Methylphenols	8.881	107	328702	71.57	ng		88
22) Acetophenone	8.940	105	423180	73.07	ng	#	91
24) Nitrobenzene	9.328	77	411344	86.71	ng	#	81
25) Isophorone	9.857	82	724871	73.26	ng	#	93
26) 2-Nitrophenol	10.039	139	163130	104.16	ng	#	66
27) 2,4-Dimethylphenol	10.092	122	250959	80.00	ng		91
28) bis(2-Chloroethoxy)met...	10.333	93	332820	74.90	ng		98
29) 2,4-Dichlorophenol	10.573	162	289151	85.42	ng		97
30) 1,2,4-Trichlorobenzene	10.797	180	340726	77.15	ng		97
31) Naphthalene	10.985	128	836705	74.85	ng		99
32) Benzoic acid	10.256	122	214213	108.46	ng	#	76
33) 4-Chloroaniline	11.085	127	369027	78.53	ng	#	90
34) Hexachlorobutadiene	11.267	225	271693	78.74	ng		98
35) Caprolactam	11.884	113	99696	86.36	ng		92
36) 4-Chloro-3-methylphenol	12.201	107	332806	82.18	ng		85
37) 2-Methylnaphthalene	12.589	142	646925	75.46	ng	#	94
38) 1-Methylnaphthalene	12.806	142	609169	75.37	ng	#	100
40) 1,2,4,5-Tetrachloroben...	12.953	216	419955	71.33	ng	#	98
41) Hexachlorocyclopentadiene	12.930	237	279866	86.86	ng		98
43) 2,4,6-Trichlorophenol	13.182	196	295382	85.61	ng		100
44) 2,4,5-Trichlorophenol	13.259	196	315382	84.23	ng	#	94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.588	154	806071	69.76	ng		96
47) 2-Chloronaphthalene	13.635	162	654116	69.88	ng		93
48) 2-Nitroaniline	13.829	65	260418	98.23	ng	#	77
49) Acenaphthylene	14.481	152	1047738	70.12	ng		98
50) Dimethylphthalate	14.210	163	906350	74.10	ng		99
51) 2,6-Dinitrotoluene	14.322	165	207971	89.33	ng	#	55
52) Acenaphthene	14.821	154	732799	74.57	ng		98
53) 3-Nitroaniline	14.657	138	203010	85.54	ng	#	75
54) 2,4-Dinitrophenol	14.857	184	141374	102.52	ng	#	68
55) Dibenzofuran	15.150	168	1045155	69.36	ng		91
56) 4-Nitrophenol	14.951	139	176078	87.23	ng	#	42
57) 2,4-Dinitrotoluene	15.109	165	304180	95.44	ng	#	73
58) Fluorene	15.803	166	888386	70.49	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.374	232	313007	86.57	ng	#	96
60) Diethylphthalate	15.568	149	894020	75.46	ng		97
61) 4-Chlorophenyl-phenyle...	15.791	204	526817	72.74	ng		97
62) 4-Nitroaniline	15.820	138	214033	82.98	ng	#	49
63) Azobenzene	16.091	77	952212	65.95	ng		89
65) 4,6-Dinitro-2-methylph...	15.873	198	204082	107.98	ng		75
66) n-Nitrosodiphenylamine	16.008	169	822843	72.85	ng		97
67) 4-Bromophenyl-phenylether	16.690	248	358530	76.68	ng		97
68) Hexachlorobenzene	16.807	284	392642	77.00	ng		97
69) Atrazine	16.954	200	316944	77.71	ng		98
70) Pentachlorophenol	17.148	266	273105	89.56	ng		96
71) Phenanthrene	17.548	178	1442212	70.37	ng		98
72) Anthracene	17.642	178	1440433	70.79	ng		99
73) Carbazole	17.906	167	1353697	71.89	ng		97
74) Di-n-butylphthalate	18.464	149	1500226	77.91	ng	#	96
75) Fluoranthene	19.557	202	1850585	68.07	ng		95
78) Pyrene	19.921	202	1863643	71.76	ng		98
80) Butylbenzylphthalate	20.803	149	689282	86.06	ng	#	86
81) Benzo(a)anthracene	21.784	228	1893941	70.08	ng		97
82) 3,3'-Dichlorobenzidine	21.696	252	689382	75.55	ng	#	97
83) Chrysene	21.854	228	1817553	70.49	ng		97
84) Bis(2-ethylhexyl)phtha...	21.684	149	965837	81.40	ng		98
85) Di-n-octyl phthalate	22.947	149	1604653	81.28	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.993	276	2195562	72.08	ng	#	84
88) Benzo(b)fluoranthene	24.081	252	2000986	72.39	ng	#	97
89) Benzo(k)fluoranthene	24.158	252	1829151	68.96	ng	#	96
90) Benzo(a)pyrene	24.998	252	1817017	71.31	ng	#	97
91) Dibenzo(a,h)anthracene	29.069	278	1862729	71.72	ng	#	93
92) Benzo(g,h,i)perylene	30.198	276	1830862	72.69	ng	#	93

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

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