Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031721\
Data File : BG048395.D
Acq On : 17 Mar 2021 12:48
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/18/2021 2:31:32 PM

Quant Time: Mar 17 13:48:32 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 16:05:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.120	152	53481	20.00	ng		0.00
21) Naphthalene-d8	10.934	136	197951	20.00	ng	#	0.00
39) Acenaphthene-d10	14.753	164	151448	20.00	ng		0.00
64) Phenanthrene-d10	17.503	188	391186	20.00	ng	#	0.00
76) Chrysene-d12	21.798	240	416118	20.00	ng	#	0.00
86) Perylene-d12	25.135	264	447498	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.658	112	243903	78.33	ng		0.00
7) Phenol-d6	7.256	99	365942	79.77	ng		0.00
23) Nitrobenzene-d5	9.283	82	380339	85.37	ng		0.00
42) 2,4,6-Tribromophenol	16.240	330	179662	92.72	ng		0.00
45) 2-Fluorobiphenyl	13.379	172	834895	77.69	ng		0.00
79) Terphenyl-d14	20.112	244	1700944	79.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.537	88	55071	36.99	ng	#	92
3) Pyridine	3.943	79	159343	39.21	ng	#	83
4) n-Nitrosodimethylamine	3.854	42	94775	40.38	ng	#	60
6) Aniline	7.433	93	214444	38.02	ng	#	86
8) 2-Chlorophenol	7.673	128	129439	41.18	ng		89
9) Benzaldehyde	7.245	77	104122	36.28	ng	#	78
10) Phenol	7.280	94	185242	39.57	ng	#	65
11) bis(2-Chloroethyl)ether	7.527	93	132955	39.33	ng		98
12) 1,3-Dichlorobenzene	8.002	146	152421	38.02	ng	#	86
13) 1,4-Dichlorobenzene	8.149	146	154043	38.44	ng		96
14) 1,2-Dichlorobenzene	8.473	146	147390m	37.59	ng		
15) Benzyl Alcohol	8.349	79	171529	42.67	ng	#	81
16) 2,2'-oxybis(1-Chloropr...	8.637	45	153959	37.26	ng		88
17) 2-Methylphenol	8.543	107	118212	39.48	ng	#	79
18) Hexachloroethane	9.207	117	59605	40.65	ng		98
19) n-Nitroso-di-n-propyla...	8.919	70	142468	40.31	ng	#	96
20) 3+4-Methylphenols	8.878	107	165519	41.42	ng		84
22) Acetophenone	8.937	105	217705	38.91	ng	#	88
24) Nitrobenzene	9.324	77	208852	43.00	ng	#	80
25) Isophorone	9.847	82	371920	38.91	ng	#	90
26) 2-Nitrophenol	10.035	139	67416	44.55	ng	#	76
27) 2,4-Dimethylphenol	10.088	122	126803	41.84	ng		86
28) bis(2-Chloroethoxy)met...	10.329	93	170364	39.68	ng	#	96
29) 2,4-Dichlorophenol	10.570	162	144337	44.13	ng		92
30) 1,2,4-Trichlorobenzene	10.793	180	169679	39.77	ng		91
31) Naphthalene	10.987	128	433434	40.13	ng		99
32) Benzoic acid	10.218	122	89123	46.71	ng	#	79
33) 4-Chloroaniline	11.087	127	184289	40.59	ng	#	85
34) Hexachlorobutadiene	11.269	225	139412	41.82	ng		98
35) Caprolactam	11.863	113	50189	45.00	ng		95
36) 4-Chloro-3-methylphenol	12.192	107	168090	42.96	ng	#	80
37) 2-Methylnaphthalene	12.585	142	336756	40.66	ng	#	91
38) 1-Methylnaphthalene	12.809	142	311815	39.93	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.950	216	219751	39.23	ng	#	98
41) Hexachlorocyclopentadiene	12.932	237	128875	42.04	ng		97
43) 2,4,6-Trichlorophenol	13.185	196	146708	44.69	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.249	196	157112	44.10	ng	#	94
46) 1,1'-Biphenyl	13.590	154	433112	39.40	ng		96
47) 2-Chloronaphthalene	13.631	162	346292	38.88	ng		94
48) 2-Nitroaniline	13.825	65	122640	42.81	ng	#	70
49) Acenaphthylene	14.477	152	558900	39.32	ng		99
50) Dimethylphthalate	14.201	163	484212	41.61	ng		98
51) 2,6-Dinitrotoluene	14.319	165	100430	45.34	ng	#	44
52) Acenaphthene	14.818	154	371794	39.76	ng		98
53) 3-Nitroaniline	14.648	138	99260	43.96	ng	#	70
54) 2,4-Dinitrophenol	14.847	184	58164	44.33	ng	#	79
55) Dibenzofuran	15.153	168	573925	40.03	ng		91
56) 4-Nitrophenol	14.936	139	86198	44.88	ng	#	40
57) 2,4-Dinitrotoluene	15.106	165	144631	43.99	ng	#	68
58) Fluorene	15.799	166	489570	40.83	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.370	232	155984	45.34	ng	#	94
60) Diethylphthalate	15.564	149	480355	42.61	ng		95
61) 4-Chlorophenyl-phenyle...	15.793	204	278966	40.49	ng		98
62) 4-Nitroaniline	15.817	138	109401	44.58	ng	#	48
63) Azobenzene	16.087	77	540141	39.32	ng		86
65) 4,6-Dinitro-2-methylph...	15.870	198	85502	44.98	ng		92
66) n-Nitrosodiphenylamine	16.005	169	443589	39.04	ng		97
67) 4-Bromophenyl-phenylether	16.686	248	179259	38.12	ng	#	93
68) Hexachlorobenzene	16.804	284	203285	39.64	ng		97
69) Atrazine	16.951	200	177890	43.37	ng		99
70) Pentachlorophenol	17.145	266	135269	44.10	ng		98
71) Phenanthrene	17.544	178	813901	39.48	ng		99
72) Anthracene	17.638	178	803277	39.25	ng		99
73) Carbazole	17.903	167	748075	39.50	ng		97
74) Di-n-butylphthalate	18.461	149	834197	43.08	ng	#	97
75) Fluoranthene	19.554	202	1092244	39.95	ng		95
77) Benzidine	19.730	184	482407	44.74	ng		99
78) Pyrene	19.918	202	1081674	39.03	ng		98
80) Butylbenzylphthalate	20.799	149	373757	41.19	ng	#	81
81) Benzo(a)anthracene	21.780	228	1149547	39.87	ng		99
82) 3,3'-Dichlorobenzidine	21.686	252	405988	41.70	ng		98
83) Chrysene	21.845	228	1092032	39.69	ng		99
84) Bis(2-ethylhexyl)phtha...	21.681	149	554625	43.80	ng		96
85) Di-n-octyl phthalate	22.944	149	940539	42.24	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.972	276	1356671	39.47	ng	#	85
88) Benzo(b)fluoranthene	24.072	252	1206128	38.66	ng	#	96
89) Benzo(k)fluoranthene	24.148	252	1170580	39.10	ng	#	95
90) Benzo(a)pyrene	24.977	252	1121361	39.00	ng	#	96
91) Dibenzo(a,h)anthracene	29.043	278	1144315	39.04	ng	#	92
92) Benzo(g,h,i)perylene	30.159	276	1128763	39.71	ng	#	93

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

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