Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030321\
Data File : BG048321.D
Acq On : 3 Mar 2021 20:20
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
3/4/2021 11:31:22 AM

Quant Time: Mar 03 23:58:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 03 16:40:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.109	152	42927	20.00	ng		0.00
21) Naphthalene-d8	10.923	136	163953	20.00	ng		0.00
39) Acenaphthene-d10	14.737	164	119529	20.00	ng		0.00
64) Phenanthrene-d10	17.486	188	292231	20.00	ng	#	0.00
76) Chrysene-d12	21.770	240	294984	20.00	ng	#	0.00
86) Perylene-d12	25.066	264	299347	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.688	112	201499	79.90	ng		0.00
7) Phenol-d6	7.316	99	302691	79.00	ng		0.00
23) Nitrobenzene-d5	9.284	82	328556	84.77	ng		0.00
42) 2,4,6-Tribromophenol	16.235	330	153105	80.08	ng		0.00
45) 2-Fluorobiphenyl	13.356	172	689875	80.92	ng		0.00
79) Terphenyl-d14	20.083	244	1242534	76.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.538	88	42408	36.70	ng	#	95
3) Pyridine	3.943	79	124517	38.97	ng	#	90
4) n-Nitrosodimethylamine	3.861	42	79167	46.67	ng	#	62
6) Aniline	7.439	93	182067	39.77	ng		92
8) 2-Chlorophenol	7.686	128	110458	39.88	ng		86
9) Benzaldehyde	7.245	77	91562	33.73	ng	#	83
10) Phenol	7.339	94	154429	39.86	ng	#	64
11) bis(2-Chloroethyl)ether	7.527	93	114370	37.89	ng		92
12) 1,3-Dichlorobenzene	7.997	146	125584	39.25	ng	#	86
13) 1,4-Dichlorobenzene	8.138	146	129869	40.25	ng		95
14) 1,2-Dichlorobenzene	8.462	146	121919m	39.73	ng		
15) Benzyl Alcohol	8.362	79	133554	39.55	ng	#	81
16) 2,2'-oxybis(1-Chloropr...	8.632	45	153322	39.17	ng		96
17) 2-Methylphenol	8.585	107	100705	39.87	ng	#	85
18) Hexachloroethane	9.184	117	52688	42.83	ng		92
19) n-Nitroso-di-n-propyla...	8.914	70	114204	38.62	ng	#	91
20) 3+4-Methylphenols	8.914	107	134107	38.10	ng	#	75
22) Acetophenone	8.937	105	187377	39.81	ng	#	84
24) Nitrobenzene	9.325	77	175088	42.34	ng	#	81
25) Isophorone	9.842	82	296691	38.60	ng	#	92
26) 2-Nitrophenol	10.042	139	69327	40.53	ng	#	59
27) 2,4-Dimethylphenol	10.113	122	95677	38.86	ng	#	80
28) bis(2-Chloroethoxy)met...	10.324	93	140534	37.40	ng		95
29) 2,4-Dichlorophenol	10.594	162	126440	40.15	ng		96
30) 1,2,4-Trichlorobenzene	10.782	180	148766	41.55	ng		98
31) Naphthalene	10.970	128	357777	39.53	ng		98
32) Benzoic acid	10.283	122	41436	24.84	ng	#	76
33) 4-Chloroaniline	11.100	127	147825	37.65	ng	#	88
34) Hexachlorobutadiene	11.241	225	116185	43.39	ng		97
35) Caprolactam	11.887	113	38945	37.33	ng	#	92
36) 4-Chloro-3-methylphenol	12.245	107	135485	38.92	ng		85
37) 2-Methylnaphthalene	12.574	142	276178	39.25	ng	#	89
38) 1-Methylnaphthalene	12.792	142	259116	38.93	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.933	216	183535	42.99	ng	#	97
41) Hexachlorocyclopentadiene	12.903	237	85984	33.03	ng		97
43) 2,4,6-Trichlorophenol	13.191	196	128254	41.81	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.285	196	130241	39.36	ng	#	91
46) 1,1'-Biphenyl	13.573	154	342131	39.96	ng		98
47) 2-Chloronaphthalene	13.620	162	300139	41.19	ng		97
48) 2-Nitroaniline	13.844	65	115777	44.26	ng	#	68
49) Acenaphthylene	14.466	152	451913	40.09	ng		98
50) Dimethylphthalate	14.190	163	379185	37.94	ng		99
51) 2,6-Dinitrotoluene	14.325	165	89383	39.80	ng	#	56
52) Acenaphthene	14.801	154	272177	35.66	ng		97
53) 3-Nitroaniline	14.672	138	80813	36.63	ng	#	69
54) 2,4-Dinitrophenol	14.878	184	39617	27.10	ng	#	59
55) Dibenzofuran	15.136	168	476350	39.92	ng		95
56) 4-Nitrophenol	15.030	139	61155	33.82	ng	#	43
57) 2,4-Dinitrotoluene	15.118	165	128204	39.51	ng	#	56
58) Fluorene	15.788	166	371197	39.21	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.377	232	125609	37.90	ng	#	95
60) Diethylphthalate	15.547	149	388946	38.06	ng		94
61) 4-Chlorophenyl-phenyle...	15.771	204	229769	40.31	ng		97
62) 4-Nitroaniline	15.841	138	81045	35.33	ng	#	52
63) Azobenzene	16.064	77	417749	40.97	ng		88
65) 4,6-Dinitro-2-methylph...	15.888	198	71649	33.78	ng	#	75
66) n-Nitrosodiphenylamine	15.994	169	343716	40.67	ng		99
67) 4-Bromophenyl-phenylether	16.664	248	155181	41.42	ng		96
68) Hexachlorobenzene	16.793	284	160312	41.48	ng		97
69) Atrazine	16.946	200	139250	39.62	ng		98
70) Pentachlorophenol	17.151	266	86928	34.20	ng		99
71) Phenanthrene	17.527	178	627276	39.53	ng		97
72) Anthracene	17.621	178	633062	40.18	ng		98
73) Carbazole	17.903	167	576635	38.69	ng		97
74) Di-n-butylphthalate	18.432	149	654008	39.60	ng	#	95
75) Fluoranthene	19.537	202	797817	38.62	ng		95
77) Benzidine	19.719	184	361346	37.49	ng		97
78) Pyrene	19.895	202	808883	39.26	ng		96
80) Butylbenzylphthalate	20.765	149	291090	40.35	ng	#	86
81) Benzo(a)anthracene	21.746	228	819045	39.80	ng		99
82) 3,3'-Dichlorobenzidine	21.664	252	290062	39.35	ng	#	97
83) Chrysene	21.817	228	791086	40.24	ng		99
84) Bis(2-ethylhexyl)phtha...	21.623	149	407730	40.23	ng		96
85) Di-n-octyl phthalate	22.856	149	711968	41.26	ng	#	94
87) Indeno(1,2,3-cd)pyrene	28.838	276	915192	40.35	ng	#	84
88) Benzo(b)fluoranthene	24.014	252	838611	40.52	ng	#	97
89) Benzo(k)fluoranthene	24.084	252	787177	39.87	ng	#	97
90) Benzo(a)pyrene	24.913	252	767716	39.99	ng	#	96
91) Dibenzo(a,h)anthracene	28.902	278	787076	40.68	ng	#	94
92) Benzo(g,h,i)perylene	30.025	276	754478	40.12	ng	#	91

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

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