Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100621\
Data File : BG050462.D
Acq On : 6 Oct 2021 10:48
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC005

Quant Time: Oct 06 13:50:38 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 06 13:49:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.261	152	42854	20.00	ng		0.00
21) Naphthalene-d8	11.087	136	176237	20.00	ng		# 0.00
39) Acenaphthene-d10	14.877	164	118769	20.00	ng		0.00
64) Phenanthrene-d10	17.621	188	261629	20.00	ng		# 0.00
76) Chrysene-d12	21.921	240	254216	20.00	ng		# 0.00
86) Perylene-d12	25.335	264	250098	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.793	112	33483	8.36	ng		0.00
7) Phenol-d6	7.391	99	47680	9.73	ng		0.00
23) Nitrobenzene-d5	9.430	82	47513	15.33	ng		0.00
42) 2,4,6-Tribromophenol	16.357	330	12298	6.46	ng		0.00
45) 2-Fluorobiphenyl	13.502	172	93844	9.61	ng		0.00
79) Terphenyl-d14	20.206	244	154986	11.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.660	88	9129	6.86	ng		95
3) Pyridine	4.078	79	22628	4.70	ng		90
4) n-Nitrosodimethylamine	3.990	42	10591	6.85	ng	#	59
6) Aniline	7.574	93	26829	5.53	ng		93
8) 2-Chlorophenol	7.814	128	15723	5.22	ng	#	81
9) Benzaldehyde	7.391	77	19679	6.93	ng		91
10) Phenol	7.415	94	23605	5.12	ng		87
11) bis(2-Chloroethyl)ether	7.668	93	18897	6.24	ng		85
12) 1,3-Dichlorobenzene	8.149	146	18763	5.68	ng		92
13) 1,4-Dichlorobenzene	8.296	146	19335	5.71	ng		95
14) 1,2-Dichlorobenzene	8.619	146	18724	5.86	ng		97
15) Benzyl Alcohol	8.490	79	17925	6.24	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.784	45	31435	12.53	ng		90
17) 2-Methylphenol	8.690	107	14897	5.79	ng	#	92
18) Hexachloroethane	9.354	117	6990	6.03	ng		83
19) n-Nitroso-di-n-propyla...	9.060	70	17940	7.68	ng	#	97
20) 3+4-Methylphenols	9.013	107	21020	7.01	ng		92
22) Acetophenone	9.084	105	29708	7.32	ng	#	99
24) Nitrobenzene	9.471	77	24767	7.88	ng	#	96
25) Isophorone	9.994	82	41840	6.56	ng	#	95
26) 2-Nitrophenol	10.188	139	8071	4.78	ng		91
27) 2,4-Dimethylphenol	10.229	122	14824	6.45	ng		95
28) bis(2-Chloroethoxy)met...	10.476	93	25429	8.40	ng	#	98
29) 2,4-Dichlorophenol	10.723	162	14431	5.51	ng		96
30) 1,2,4-Trichlorobenzene	10.946	180	17353	5.33	ng		96
31) Naphthalene	11.134	128	53936	5.73	ng		99
33) 4-Chloroaniline	11.240	127	22208	6.08	ng		95
34) Hexachlorobutadiene	11.410	225	11052	4.44	ng		96
35) Caprolactam	11.980	113	5538	5.54	ng	#	88
36) 4-Chloro-3-methylphenol	12.327	107	17789	5.03	ng		91
37) 2-Methylnaphthalene	12.720	142	37531	5.62	ng		95
38) 1-Methylnaphthalene	12.944	142	36314	5.72	ng		94
40) 1,2,4,5-Tetrachloroben...	13.079	216	20325	4.23	ng		99
41) Hexachlorocyclopentadiene	13.055	237	10654	13.29	ng		89
43) 2,4,6-Trichlorophenol	13.314	196	13493	4.94	ng	#	82
44) 2,4,5-Trichlorophenol	13.384	196	13626	4.79	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.719	154	50791	5.24	ng		95
47) 2-Chloronaphthalene	13.760	162	38265	5.14	ng		95
48) 2-Nitroaniline	13.954	65	13803	6.20	ng		97
49) Acenaphthylene	14.606	152	63577	5.54	ng		97
50) Dimethylphthalate	14.319	163	51997	5.51	ng		99
51) 2,6-Dinitrotoluene	14.442	165	10024	4.66	ng		96
52) Acenaphthene	14.941	154	39441	5.70	ng		96
53) 3-Nitroaniline	14.771	138	11723	5.82	ng		89
54) 2,4-Dinitrophenol	14.977	184	5375	6.18	ng		87
55) Dibenzofuran	15.276	168	63746	5.63	ng	#	94
56) 4-Nitrophenol	15.053	139	8387	7.52	ng	#	81
57) 2,4-Dinitrotoluene	15.223	165	13159	4.41	ng	#	82
58) Fluorene	15.923	166	48950	5.34	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.488	232	12056	4.99	ng		93
60) Diethylphthalate	15.670	149	53924	5.70	ng		96
61) 4-Chlorophenyl-phenyle...	15.911	204	25544	5.25	ng		93
62) 4-Nitroaniline	15.928	138	11827	5.57	ng	#	63
63) Azobenzene	16.199	77	64218	7.12	ng		81
65) 4,6-Dinitro-2-methylph...	15.981	198	7762	4.98	ng		87
66) n-Nitrosodiphenylamine	16.116	169	43242	5.46	ng		95
67) 4-Bromophenyl-phenylether	16.804	248	14798	4.27	ng		94
68) Hexachlorobenzene	16.921	284	15032	3.92	ng	#	93
69) Atrazine	17.057	200	17323	5.62	ng		99
70) Pentachlorophenol	17.256	266	9115	8.50	ng		95
71) Phenanthrene	17.662	178	82428	5.54	ng		97
72) Anthracene	17.756	178	79903	5.50	ng		98
73) Carbazole	18.020	167	80257	5.79	ng		100
74) Di-n-butylphthalate	18.561	149	92912	5.77	ng	#	97
75) Fluoranthene	19.659	202	101208	5.26	ng		93
77) Benzidine	19.836	184	52003	9.07	ng		98
78) Pyrene	20.018	202	106121	6.26	ng		98
80) Butylbenzylphthalate	20.893	149	41995	6.50	ng		94
81) Benzo(a)anthracene	21.898	228	98918	5.77	ng		98
82) 3,3'-Dichlorobenzidine	21.804	252	31636	5.89	ng	#	95
83) Chrysene	21.968	228	94329	5.74	ng		99
84) Bis(2-ethylhexyl)phtha...	21.780	149	60567	6.46	ng	#	94
85) Di-n-octyl phthalate	23.061	149	99127	5.78	ng	#	97
87) Indeno(1,2,3-cd)pyrene	29.242	276	99093	4.36	ng	#	95
88) Benzo(b)fluoranthene	24.236	252	87441	5.25	ng	#	93
89) Benzo(k)fluoranthene	24.307	252	86960	5.36	ng	#	95
90) Benzo(a)pyrene	25.171	252	73503	4.51	ng	#	93
91) Dibenzo(a,h)anthracene	29.307	278	83798	4.44	ng	#	94
92) Benzo(g,h,i)perylene	30.470	276	81260	4.40	ng	#	88

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

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