Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032521\
Data File : BG048495.D
Acq On : 25 Mar 2021 10:03
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Mar 25 11:59:32 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 25 02:47:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.102	152	43483	20.00	ng		0.00
21) Naphthalene-d8	10.923	136	155655	20.00	ng	#	0.00
39) Acenaphthene-d10	14.742	164	112174	20.00	ng		0.00
64) Phenanthrene-d10	17.491	188	260205	20.00	ng	#	0.00
76) Chrysene-d12	21.786	240	264949	20.00	ng	#	0.00
86) Perylene-d12	25.118	264	298126	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.646	112	214527	81.59	ng		0.00
7) Phenol-d6	7.256	99	315105	82.36	ng		0.00
23) Nitrobenzene-d5	9.272	82	319393	82.04	ng		0.00
42) 2,4,6-Tribromophenol	16.234	330	149805	82.12	ng		0.00
45) 2-Fluorobiphenyl	13.367	172	637205	81.72	ng		0.00
79) Terphenyl-d14	20.100	244	1179137	80.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.519	88	42829	38.61	ng	#	87
3) Pyridine	3.925	79	117188	37.89	ng		89
4) n-Nitrosodimethylamine	3.837	42	70066	38.98	ng	#	69
6) Aniline	7.421	93	180365	39.86	ng		92
8) 2-Chlorophenol	7.662	128	114968	41.93	ng		88
9) Benzaldehyde	7.233	77	82053	39.02	ng		83
10) Phenol	7.280	94	157733	40.23	ng	#	67
11) bis(2-Chloroethyl)ether	7.515	93	111701	40.66	ng		99
12) 1,3-Dichlorobenzene	7.991	146	128369	39.35	ng	#	91
13) 1,4-Dichlorobenzene	8.138	146	129958	40.14	ng	#	94
14) 1,2-Dichlorobenzene	8.455	146	123313	39.70	ng	#	92
15) Benzyl Alcohol	8.337	79	134683	39.65	ng	#	85
16) 2,2'-oxybis(1-Chloropr...	8.631	45	116019	36.93	ng		87
17) 2-Methylphenol	8.543	107	101085	40.66	ng	#	88
18) Hexachloroethane	9.195	117	51150	41.07	ng		92
19) n-Nitroso-di-n-propyla...	8.907	70	111425	39.23	ng		95
20) 3+4-Methylphenols	8.866	107	141011	41.40	ng		89
22) Acetophenone	8.925	105	184173	42.07	ng	#	92
24) Nitrobenzene	9.313	77	169645	40.68	ng	#	82
25) Isophorone	9.836	82	303737	40.76	ng	#	91
26) 2-Nitrophenol	10.024	139	67056	42.30	ng	#	68
27) 2,4-Dimethylphenol	10.076	122	102719	41.53	ng		92
28) bis(2-Chloroethoxy)met...	10.317	93	137413	40.68	ng		98
29) 2,4-Dichlorophenol	10.564	162	121028	42.17	ng		93
30) 1,2,4-Trichlorobenzene	10.782	180	134353	38.72	ng		98
31) Naphthalene	10.975	128	362357	41.99	ng		98
32) Benzoic acid	10.200	122	81842	42.52	ng	#	83
33) 4-Chloroaniline	11.075	127	154468	41.86	ng	#	89
34) Hexachlorobutadiene	11.257	225	96575	35.11	ng		98
35) Caprolactam	11.845	113	42814	41.78	ng		95
36) 4-Chloro-3-methylphenol	12.192	107	143266	43.00	ng		87
37) 2-Methylnaphthalene	12.574	142	281551	42.74	ng	#	91
38) 1-Methylnaphthalene	12.791	142	262782	42.42	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.938	216	149446	36.48	ng	#	96
41) Hexachlorocyclopentadiene	12.920	237	96000	36.25	ng		98
43) 2,4,6-Trichlorophenol	13.179	196	109371	39.39	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.249	196	113826	37.25	ng	#	89
46) 1,1'-Biphenyl	13.578	154	336525	41.80	ng		98
47) 2-Chloronaphthalene	13.619	162	274786	42.33	ng		94
48) 2-Nitroaniline	13.819	65	105829	44.05	ng	#	78
49) Acenaphthylene	14.465	152	437039	41.58	ng		98
50) Dimethylphthalate	14.189	163	361938	39.65	ng		97
51) 2,6-Dinitrotoluene	14.313	165	81825	41.65	ng	#	63
52) Acenaphthene	14.806	154	301725	42.71	ng		98
53) 3-Nitroaniline	14.642	138	81806	43.48	ng	#	74
54) 2,4-Dinitrophenol	14.841	184	53137	44.31	ng	#	61
55) Dibenzofuran	15.141	168	446697	42.46	ng		91
56) 4-Nitrophenol	14.947	139	70553	41.91	ng	#	41
57) 2,4-Dinitrotoluene	15.094	165	121471	43.54	ng	#	64
58) Fluorene	15.793	166	347041	39.30	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.364	232	110703	36.71	ng	#	86
60) Diethylphthalate	15.552	149	392785	44.01	ng	#	92
61) 4-Chlorophenyl-phenyle...	15.782	204	195749	38.53	ng		90
62) 4-Nitroaniline	15.805	138	90469	43.90	ng	#	53
63) Azobenzene	16.075	77	399582	41.14	ng		88
65) 4,6-Dinitro-2-methylph...	15.858	198	79274	48.38	ng	#	73
66) n-Nitrosodiphenylamine	15.993	169	329544	43.72	ng		97
67) 4-Bromophenyl-phenylether	16.675	248	131433	40.11	ng	#	90
68) Hexachlorobenzene	16.792	284	143268	40.80	ng	#	92
69) Atrazine	16.939	200	127477	42.05	ng		98
70) Pentachlorophenol	17.139	266	95121	40.75	ng		99
71) Phenanthrene	17.538	178	604659	43.99	ng		98
72) Anthracene	17.626	178	602407	44.17	ng		96
73) Carbazole	17.897	167	594107	45.68	ng		99
74) Di-n-butylphthalate	18.449	149	697229	48.44	ng	#	97
75) Fluoranthene	19.548	202	783582	42.81	ng		96
77) Benzidine	19.718	184	344949	43.46	ng		98
78) Pyrene	19.906	202	784174	43.09	ng		97
80) Butylbenzylphthalate	20.787	149	320345	49.53	ng		88
81) Benzo(a)anthracene	21.769	228	771854	42.00	ng		97
82) 3,3'-Dichlorobenzidine	21.675	252	300860	45.37	ng		98
83) Chrysene	21.833	228	743473	42.20	ng		99
84) Bis(2-ethylhexyl)phtha...	21.663	149	462719	51.78	ng		94
85) Di-n-octyl phthalate	22.914	149	790285	52.82	ng		97
87) Indeno(1,2,3-cd)pyrene	28.925	276	927668	40.80	ng	#	87
88) Benzo(b)fluoranthene	24.054	252	832292	39.62	ng	#	96
89) Benzo(k)fluoranthene	24.125	252	800497	40.38	ng	#	97
90) Benzo(a)pyrene	24.959	252	776826	40.55	ng	#	97
91) Dibenzo(a,h)anthracene	29.013	278	795379	41.01	ng	#	94
92) Benzo(g,h,i)perylene	30.135	276	762561	40.52	ng	#	94

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

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