Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062521\
Data File : BG049094.D
Acq On : 25 Jun 2021 17:19
Operator : CG/JU
Sample : M2824-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ABN-1MSD

Quant Time: Jun 25 18:25:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 24 11:02:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.103	152	36679	20.00	ng		0.00
21) Naphthalene-d8	10.929	136	139793	20.00	ng		# 0.00
39) Acenaphthene-d10	14.748	164	99609	20.00	ng		0.00
64) Phenanthrene-d10	17.497	188	227591	20.00	ng		# 0.00
76) Chrysene-d12	21.787	240	226543	20.00	ng		0.00
86) Perylene-d12	25.100	264	238738	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.664	112	10617	4.51	ng		0.00
7) Phenol-d6	7.262	99	58650	16.61	ng		0.00
23) Nitrobenzene-d5	9.278	82	221239	68.24	ng		0.00
42) 2,4,6-Tribromophenol	16.234	330	3616	2.45	ng		0.00
45) 2-Fluorobiphenyl	13.373	172	470674	66.75	ng		0.00
79) Terphenyl-d14	20.100	244	836122	67.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.537	88	33336	28.98	ng	#	80
3) Pyridine	3.937	79	84922	27.21	ng		89
4) n-Nitrosodimethylamine	3.855	42	67081	44.89	ng	#	78
6) Aniline	7.421	93	146023	32.83	ng		91
8) 2-Chlorophenol	7.674	128	114331	44.02	ng		94
9) Benzaldehyde	7.233	77	87498	47.88	ng		91
10) Phenol	7.286	94	151201	41.44	ng		92
11) bis(2-Chloroethyl)ether	7.515	93	105814	39.09	ng		85
12) 1,3-Dichlorobenzene	7.997	146	120270	41.46	ng		97
13) 1,4-Dichlorobenzene	8.138	146	120492	41.66	ng		98
14) 1,2-Dichlorobenzene	8.461	146	118015	42.41	ng		95
15) Benzyl Alcohol	8.344	79	128503	39.73	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.631	45	175341	34.23	ng		88
17) 2-Methylphenol	8.549	107	99072	41.41	ng		96
18) Hexachloroethane	9.195	117	48336	41.66	ng		98
19) n-Nitroso-di-n-propyla...	8.913	70	95098	34.45	ng		97
20) 3+4-Methylphenols	8.878	107	134669	41.17	ng		98
22) Acetophenone	8.931	105	188729	44.38	ng	#	95
24) Nitrobenzene	9.319	77	150465	41.20	ng		96
25) Isophorone	9.842	82	250107	35.41	ng	#	97
26) 2-Nitrophenol	10.030	139	63227	51.04	ng		96
27) 2,4-Dimethylphenol	10.089	122	105304	46.89	ng		98
28) bis(2-Chloroethoxy)met...	10.324	93	138774	42.43	ng		99
29) 2,4-Dichlorophenol	10.570	162	117399	46.59	ng		95
30) 1,2,4-Trichlorobenzene	10.788	180	130198	45.07	ng		97
31) Naphthalene	10.976	128	344577	41.37	ng		99
32) Benzoic acid	10.241	122	70430	48.01	ng	#	81
33) 4-Chloroaniline	11.081	127	84859	24.00	ng		97
34) Hexachlorobutadiene	11.264	225	93750	45.53	ng		95
35) Caprolactam	11.863	113	37170	51.03	ng	#	63
36) 4-Chloro-3-methylphenol	12.204	107	132613	43.06	ng		96
37) 2-Methylnaphthalene	12.580	142	259952	41.32	ng		97
38) 1-Methylnaphthalene	12.797	142	237934	40.29	ng		98
40) 1,2,4,5-Tetrachloroben...	12.944	216	150415	47.55	ng		97
41) Hexachlorocyclopentadiene	12.926	237	214580	105.53	ng		91
43) 2,4,6-Trichlorophenol	13.179	196	108449	51.24	ng		90

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.255	196	116675	53.32	ng		91
46) 1,1'-Biphenyl	13.579	154	321878	43.83	ng		98
47) 2-Chloronaphthalene	13.626	162	256237	43.69	ng		99
48) 2-Nitroaniline	13.825	65	101410	47.37	ng		95
49) Acenaphthylene	14.472	152	414969	42.46	ng		96
50) Dimethylphthalate	14.201	163	347235	44.75	ng		99
51) 2,6-Dinitrotoluene	14.319	165	77583	49.10	ng		91
52) Acenaphthene	14.812	154	246494	39.13	ng		95
53) 3-Nitroaniline	14.648	138	54721	34.21	ng		90
54) 2,4-Dinitrophenol	14.854	184	99473	135.90	ng		93
55) Dibenzofuran	15.147	168	399765	40.83	ng		96
56) 4-Nitrophenol	14.959	139	127885	98.05	ng		94
57) 2,4-Dinitrotoluene	15.100	165	112787	58.11	ng		95
58) Fluorene	15.794	166	340458	42.52	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.371	232	110419	49.85	ng		96
60) Diethylphthalate	15.559	149	371139	44.16	ng		96
61) 4-Chlorophenyl-phenyle...	15.782	204	190135	45.42	ng		97
62) 4-Nitroaniline	15.811	138	79315	49.02	ng		86
63) Azobenzene	16.076	77	353022	36.71	ng		91
65) 4,6-Dinitro-2-methylph...	15.864	198	66774	61.87	ng		93
66) n-Nitrosodiphenylamine	15.993	169	300373	42.35	ng		97
67) 4-Bromophenyl-phenylether	16.681	248	133381	46.94	ng		92
68) Hexachlorobenzene	16.798	284	145235	47.15	ng		99
69) Atrazine	16.945	200	127849	56.16	ng		97
70) Pentachlorophenol	17.145	266	189423	102.33	ng		97
71) Phenanthrene	17.539	178	554856	43.33	ng		98
72) Anthracene	17.633	178	562057	43.68	ng		98
73) Carbazole	17.897	167	514678	41.73	ng		98
74) Di-n-butylphthalate	18.449	149	635522	45.94	ng		98
75) Fluoranthene	19.542	202	702421	45.49	ng		99
77) Benzidine	19.718	184	361683	79.25	ng		98
78) Pyrene	19.906	202	707100	43.00	ng		97
80) Butylbenzylphthalate	20.788	149	280935	45.28	ng		95
81) Benzo(a)anthracene	21.763	228	716639	44.06	ng		98
82) 3,3'-Dichlorobenzidine	21.675	252	197793	38.03	ng		95
83) Chrysene	21.834	228	676466	43.38	ng		97
84) Bis(2-ethylhexyl)phtha...	21.663	149	403557	45.64	ng		97
85) Di-n-octyl phthalate	22.909	149	671816	44.79	ng		98
87) Indeno(1,2,3-cd)pyrene	28.914	276	863749	48.07	ng	#	97
88) Benzo(b)fluoranthene	24.043	252	773515	45.45	ng	#	96
89) Benzo(k)fluoranthene	24.119	252	711180	44.04	ng		99
90) Benzo(a)pyrene	24.948	252	731560	47.09	ng	#	96
91) Dibenzo(a,h)anthracene	28.978	278	721748	48.07	ng	#	97
92) Benzo(g,h,i)perylene	30.094	276	721194	47.63	ng		99

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

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