Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040721\
Data File : BG048620.D
Acq On : 7 Apr 2021 16:59
Operator : CG/JU
Sample : M1951-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SW-1MSD

Quant Time: Apr 07 17:46:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:06:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.092	152	26726	20.00	ng		0.00
21) Naphthalene-d8	10.918	136	107960	20.00	ng		0.00
39) Acenaphthene-d10	14.743	164	74905	20.00	ng		0.00
64) Phenanthrene-d10	17.499	188	178058	20.00	ng		0.00
76) Chrysene-d12	21.799	240	173512	20.00	ng	#	0.00
86) Perylene-d12	25.137	264	174453	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.636	112	123472	81.56	ng		0.00
7) Phenol-d6	7.246	99	110102	50.15	ng		0.00
23) Nitrobenzene-d5	9.261	82	215289	96.55	ng		0.00
42) 2,4,6-Tribromophenol	16.235	330	152150	154.52	ng		0.00
45) 2-Fluorobiphenyl	13.362	172	501627	99.54	ng		0.00
79) Terphenyl-d14	20.107	244	860613	90.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.503	88	12048	19.78	ng	#	91
3) Pyridine	3.909	79	20334	13.32	ng		95
4) n-Nitrosodimethylamine	3.821	42	23187	23.24	ng	#	86
6) Aniline	7.405	93	42315	16.78	ng		98
8) 2-Chlorophenol	7.651	128	76690	44.83	ng		96
9) Benzaldehyde	7.222	77	66057	47.07	ng		94
10) Phenol	7.269	94	49792	22.65	ng		91
11) bis(2-Chloroethyl)ether	7.499	93	73416	48.14	ng		98
12) 1,3-Dichlorobenzene	7.980	146	93887	48.72	ng		98
13) 1,4-Dichlorobenzene	8.127	146	91994	47.34	ng		95
14) 1,2-Dichlorobenzene	8.450	146	90645	48.71	ng		95
15) Benzyl Alcohol	8.327	79	58819	32.71	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.615	45	73050	49.65	ng		92
17) 2-Methylphenol	8.533	107	59937	42.14	ng		90
18) Hexachloroethane	9.185	117	35651	49.38	ng	#	83
19) n-Nitroso-di-n-propyla...	8.897	70	67094	44.34	ng		96
20) 3+4-Methylphenols	8.862	107	72036	36.49	ng		94
22) Acetophenone	8.920	105	140902	50.62	ng	#	94
24) Nitrobenzene	9.308	77	121915	55.71	ng		97
25) Isophorone	9.831	82	195029	47.36	ng		98
26) 2-Nitrophenol	10.019	139	51956	51.67	ng		97
27) 2,4-Dimethylphenol	10.078	122	79260	50.10	ng		98
28) bis(2-Chloroethoxy)met...	10.313	93	102316	54.21	ng		98
29) 2,4-Dichlorophenol	10.560	162	88083	49.17	ng		89
30) 1,2,4-Trichlorobenzene	10.777	180	100183	48.67	ng		98
31) Naphthalene	10.971	128	267809	48.25	ng		98
32) Benzoic acid	10.184	122	20170	16.57	ng		95
33) 4-Chloroaniline	11.077	127	37280	15.91	ng		94
34) Hexachlorobutadiene	11.247	225	71286	47.42	ng		90
35) Caprolactam	11.852	113	5946	9.10	ng	#	78
36) 4-Chloro-3-methylphenol	12.193	107	95470	47.45	ng		96
37) 2-Methylnaphthalene	12.575	142	218742	49.50	ng		98
38) 1-Methylnaphthalene	12.792	142	202369	48.02	ng		97
40) 1,2,4,5-Tetrachloroben...	12.939	216	124135	53.46	ng		97
41) Hexachlorocyclopentadiene	12.916	237	164514	122.30	ng		90
43) 2,4,6-Trichlorophenol	13.174	196	86904	54.45	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.251	196	88706	51.95	ng		95
46) 1,1'-Biphenyl	13.580	154	291235	53.21	ng		100
47) 2-Chloronaphthalene	13.621	162	214928	51.54	ng		97
48) 2-Nitroaniline	13.821	65	63248	47.72	ng		90
49) Acenaphthylene	14.467	152	352187	53.88	ng		98
50) Dimethylphthalate	14.191	163	304435	54.76	ng	#	97
51) 2,6-Dinitrotoluene	14.314	165	65391	51.41	ng		92
52) Acenaphthene	14.808	154	225122	47.61	ng		97
53) 3-Nitroaniline	14.643	138	15828	12.69	ng		92
54) 2,4-Dinitrophenol	14.855	184	89102	124.58	ng		91
55) Dibenzofuran	15.143	168	341064	49.39	ng		97
56) 4-Nitrophenol	14.955	139	47273	46.95	ng		89
57) 2,4-Dinitrotoluene	15.101	165	94846	52.72	ng	#	95
58) Fluorene	15.795	166	288654	49.94	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.366	232	88632	53.21	ng		100
60) Diethylphthalate	15.554	149	305499	53.48	ng	#	96
61) 4-Chlorophenyl-phenyle...	15.783	204	156845	50.43	ng		99
62) 4-Nitroaniline	15.806	138	23615	18.10	ng		97
63) Azobenzene	16.077	77	261268	46.49	ng		96
65) 4,6-Dinitro-2-methylph...	15.865	198	59186	55.32	ng		97
66) n-Nitrosodiphenylamine	16.000	169	258650	51.06	ng		98
67) 4-Bromophenyl-phenylether	16.682	248	104210	52.80	ng		99
68) Hexachlorobenzene	16.799	284	111541	54.12	ng		98
69) Atrazine	16.946	200	117247	56.75	ng		94
70) Pentachlorophenol	17.146	266	145695	113.74	ng		92
71) Phenanthrene	17.546	178	474935	51.38	ng		98
72) Anthracene	17.634	178	473455	51.40	ng		99
73) Carbazole	17.904	167	436571	49.98	ng		98
74) Di-n-butylphthalate	18.450	149	513089	52.58	ng		98
75) Fluoranthene	19.555	202	571989	49.92	ng		97
77) Benzidine	19.731	184	21638	3.68	ng		96
78) Pyrene	19.919	202	568156	47.62	ng		100
80) Butylbenzylphthalate	20.795	149	230562	52.03	ng		94
81) Benzo(a)anthracene	21.782	228	583231	50.31	ng		99
82) 3,3'-Dichlorobenzidine	21.688	252	43683	10.97	ng	#	94
83) Chrysene	21.846	228	547232	49.47	ng		96
84) Bis(2-ethylhexyl)phtha...	21.670	149	325237	52.69	ng		98
85) Di-n-octyl phthalate	22.928	149	551620	51.27	ng		100
87) Indeno(1,2,3-cd)pyrene	28.985	276	636158	52.02	ng	#	85
88) Benzo(b)fluoranthene	24.079	252	590533	52.12	ng	#	97
89) Benzo(k)fluoranthene	24.150	252	541098	49.67	ng		99
90) Benzo(a)pyrene	24.990	252	509433	48.78	ng		99
91) Dibenzo(a,h)anthracene	29.050	278	534557	51.21	ng		99
92) Benzo(g,h,i)perylene	30.178	276	490067	47.94	ng		97

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

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