Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040721\
Data File : BG048623.D
Acq On : 7 Apr 2021 19:01
Operator : CG/JU
Sample : M1934-04MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-2MSD

Manual Integrations APPROVED
mohammad
4/8/2021 1:36:13 PM

Quant Time: Apr 08 03:35:16 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	8.097	152	26706	20.00	ng		0.00
21) Naphthalene-d8	10.917	136	104851	20.00	ng		# 0.00
39) Acenaphthene-d10	14.742	164	71118	20.00	ng		0.00
64) Phenanthrene-d10	17.498	188	177520	20.00	ng		# 0.00
76) Chrysene-d12	21.799	240	175230	20.00	ng		# 0.00
86) Perylene-d12	25.142	264	172443	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.641	112	208227	137.66	ng		0.00
7) Phenol-d6	7.251	99	248241	113.16	ng		0.00
23) Nitrobenzene-d5	9.266	82	208090	96.09	ng		0.00
42) 2,4,6-Tribromophenol	16.240	330	155124	165.93	ng		0.00
45) 2-Fluorobiphenyl	13.367	172	488734	102.14	ng		0.00
79) Terphenyl-d14	20.106	244	939040	98.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.514	88	25649	42.15	ng	#	38
3) Pyridine	3.919	79	49611	32.51	ng		93
4) n-Nitrosodimethylamine	3.825	42	51282	51.44	ng		99
6) Aniline	7.410	93	56355	22.37	ng		98
8) 2-Chlorophenol	7.656	128	89502	52.36	ng		94
9) Benzaldehyde	7.221	77	56577	40.35	ng		93
10) Phenol	7.274	94	95937	43.68	ng		96
11) bis(2-Chloroethyl)ether	7.504	93	76750	50.36	ng		96
12) 1,3-Dichlorobenzene	7.979	146	93500	48.55	ng		96
13) 1,4-Dichlorobenzene	8.126	146	99569	51.28	ng		92
14) 1,2-Dichlorobenzene	8.449	146	95000	51.09	ng		91
15) Benzyl Alcohol	8.332	79	95773	53.29	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.620	45	75658	51.47	ng		91
17) 2-Methylphenol	8.538	107	72362	50.92	ng		89
18) Hexachloroethane	9.184	117	34611	47.97	ng	#	76
19) n-Nitroso-di-n-propyla...	8.902	70	71279	47.14	ng		93
20) 3+4-Methylphenols	8.867	107	98496	49.93	ng		91
22) Acetophenone	8.920	105	136977	50.67	ng	#	99
24) Nitrobenzene	9.307	77	111186	52.31	ng		98
25) Isophorone	9.830	82	197815	49.46	ng	#	97
26) 2-Nitrophenol	10.018	139	51481	52.72	ng		93
27) 2,4-Dimethylphenol	10.077	122	88819	57.80	ng		94
28) bis(2-Chloroethoxy)met...	10.312	93	103444	56.43	ng		97
29) 2,4-Dichlorophenol	10.565	162	99906	57.42	ng		88
30) 1,2,4-Trichlorobenzene	10.776	180	105621	52.83	ng		97
31) Naphthalene	10.970	128	277322	51.44	ng		98
32) Benzoic acid	10.218	122	54223	45.87	ng		96
33) 4-Chloroaniline	11.076	127	15114	6.64	ng	#	92
34) Hexachlorobutadiene	11.252	225	72274	49.50	ng	#	85
35) Caprolactam	11.857	113	26001m	40.96	ng		
36) 4-Chloro-3-methylphenol	12.198	107	108577	55.57	ng		91
37) 2-Methylnaphthalene	12.574	142	215907	50.31	ng		95
38) 1-Methylnaphthalene	12.791	142	200255	48.93	ng		99
40) 1,2,4,5-Tetrachloroben...	12.938	216	123054	55.82	ng		97
41) Hexachlorocyclopentadiene	12.915	237	148902	116.59	ng		96
43) 2,4,6-Trichlorophenol	13.179	196	87365	57.65	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.256	196	96105	59.28	ng		96
46) 1,1'-Biphenyl	13.579	154	290008	55.81	ng		98
47) 2-Chloronaphthalene	13.620	162	218828	55.27	ng		97
48) 2-Nitroaniline	13.820	65	74137	58.91	ng		95
49) Acenaphthylene	14.472	152	361564	58.26	ng		96
50) Dimethylphthalate	14.196	163	307347	58.23	ng		97
51) 2,6-Dinitrotoluene	14.313	165	67622	56.00	ng		97
52) Acenaphthene	14.813	154	279427m	62.24	ng		
53) 3-Nitroaniline	14.642	138	28781	24.30	ng		85
54) 2,4-Dinitrophenol	14.854	184	67916	100.02	ng		86
55) Dibenzofuran	15.142	168	348453	53.15	ng		99
56) 4-Nitrophenol	14.959	139	103211	107.97	ng		86
57) 2,4-Dinitrotoluene	15.101	165	97676	57.18	ng	#	96
58) Fluorene	15.794	166	297791	54.26	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.371	232	91642	57.94	ng	#	98
60) Diethylphthalate	15.559	149	312347	57.59	ng		98
61) 4-Chlorophenyl-phenyle...	15.782	204	162483	55.03	ng		97
62) 4-Nitroaniline	15.811	138	68958	55.67	ng		91
63) Azobenzene	16.076	77	266174	49.88	ng		95
65) 4,6-Dinitro-2-methylph...	15.870	198	57989	54.36	ng		90
66) n-Nitrosodiphenylamine	15.999	169	270915	53.64	ng		99
67) 4-Bromophenyl-phenylether	16.681	248	106191	53.96	ng		94
68) Hexachlorobenzene	16.799	284	114002	55.48	ng		99
69) Atrazine	16.945	200	119750	58.13	ng		95
70) Pentachlorophenol	17.145	266	149242	116.86	ng		92
71) Phenanthrene	17.545	178	487793	52.93	ng		99
72) Anthracene	17.633	178	505271	55.02	ng		99
73) Carbazole	17.903	167	466098	53.52	ng		98
74) Di-n-butylphthalate	18.455	149	558971	57.45	ng		98
75) Fluoranthene	19.554	202	619199	54.20	ng		98
77) Benzidine	19.730	184	61676	10.39	ng		98
78) Pyrene	19.913	202	626451	52.00	ng		98
80) Butylbenzylphthalate	20.794	149	256273	57.27	ng		96
81) Benzo(a)anthracene	21.775	228	622256	53.15	ng		98
82) 3,3'-Dichlorobenzidine	21.687	252	109166	27.14	ng		94
83) Chrysene	21.846	228	576736	51.62	ng		96
84) Bis(2-ethylhexyl)phtha...	21.669	149	352564	56.56	ng	#	99
85) Di-n-octyl phthalate	22.927	149	586952	54.01	ng	#	99
87) Indeno(1,2,3-cd)pyrene	28.996	276	672145	55.60	ng	#	89
88) Benzo(b)fluoranthene	24.078	252	608039	54.29	ng	#	99
89) Benzo(k)fluoranthene	24.149	252	573748	53.28	ng		99
90) Benzo(a)pyrene	24.989	252	545308	52.83	ng		99
91) Dibenzo(a,h)anthracene	29.055	278	552871	53.58	ng		100
92) Benzo(g,h,i)perylene	30.195	276	495154	49.00	ng	#	93

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

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