Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032521\
Data File : BG048503.D
Acq On : 25 Mar 2021 15:43
Operator : CG/JU
Sample : M1749-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-SB-15-11-13MSD

Manual Integrations APPROVED
mohammad
3/26/2021 1:20:46 PM

Quant Time: Mar 25 16:54:01 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	8.100	152	48911	20.00	ng		0.00
21) Naphthalene-d8	10.926	136	183815	20.00	ng		0.00
39) Acenaphthene-d10	14.745	164	123000	20.00	ng		0.00
64) Phenanthrene-d10	17.495	188	279177	20.00	ng		# 0.00
76) Chrysene-d12	21.784	240	297089	20.00	ng		# 0.00
86) Perylene-d12	25.115	264	315735	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.650	112	323627	109.42	ng		0.00
7) Phenol-d6	7.254	99	436125	101.34	ng		0.00
23) Nitrobenzene-d5	9.269	82	315224	68.57	ng		0.00
42) 2,4,6-Tribromophenol	16.232	330	205816	102.89	ng		0.00
45) 2-Fluorobiphenyl	13.364	172	472878	55.31	ng		0.00
79) Terphenyl-d14	20.098	244	846211	51.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.517	88	44849	35.94	ng	#	95
3) Pyridine	3.922	79	131992	37.94	ng		89
4) n-Nitrosodimethylamine	3.834	42	78863	39.01	ng	#	70
6) Aniline	7.418	93	97454	19.15	ng		91
8) 2-Chlorophenol	7.665	128	144138	46.73	ng		94
9) Benzaldehyde	7.230	77	127936	58.82	ng	#	79
10) Phenol	7.283	94	204496	46.37	ng	#	67
11) bis(2-Chloroethyl)ether	7.512	93	133088	43.07	ng		99
12) 1,3-Dichlorobenzene	7.988	146	154679	42.16	ng	#	90
13) 1,4-Dichlorobenzene	8.135	146	156445	42.95	ng	#	94
14) 1,2-Dichlorobenzene	8.458	146	146320m	41.88	ng		
15) Benzyl Alcohol	8.335	79	165663	43.36	ng	#	85
16) 2,2'-oxybis(1-Chloropr...	8.623	45	141793	40.13	ng		86
17) 2-Methylphenol	8.541	107	128624	46.00	ng	#	88
18) Hexachloroethane	9.193	117	62472	44.59	ng		91
19) n-Nitroso-di-n-propyla...	8.905	70	123478	38.65	ng		97
20) 3+4-Methylphenols	8.870	107	173687	45.34	ng		89
22) Acetophenone	8.928	105	226838	43.88	ng	#	91
24) Nitrobenzene	9.310	77	194966	39.59	ng	#	84
25) Isophorone	9.833	82	346369	39.36	ng	#	90
26) 2-Nitrophenol	10.021	139	81862	43.73	ng	#	62
27) 2,4-Dimethylphenol	10.080	122	148229	50.74	ng		91
28) bis(2-Chloroethoxy)met...	10.315	93	179403	44.98	ng		98
29) 2,4-Dichlorophenol	10.568	162	147815	43.61	ng		90
30) 1,2,4-Trichlorobenzene	10.785	180	156145	38.11	ng		93
31) Naphthalene	10.973	128	423863	41.59	ng		98
32) Benzoic acid	10.221	122	107306	47.20	ng	#	79
33) 4-Chloroaniline	11.073	127	47520	10.91	ng	#	90
34) Hexachlorobutadiene	11.255	225	112047	34.50	ng		97
35) Caprolactam	11.937	113	84662m	69.96	ng		
36) 4-Chloro-3-methylphenol	12.201	107	161671	41.09	ng	#	87
37) 2-Methylnaphthalene	12.577	142	309667	39.81	ng	#	92
38) 1-Methylnaphthalene	12.794	142	286881	39.21	ng		98
40) 1,2,4,5-Tetrachloroben...	12.941	216	182756	40.69	ng	#	96
41) Hexachlorocyclopentadiene	12.918	237	255965	88.14	ng		97
43) 2,4,6-Trichlorophenol	13.176	196	126692	41.61	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.253	196	134910	40.27	ng	#	83
46) 1,1'-Biphenyl	13.576	154	395605	44.81	ng		95
47) 2-Chloronaphthalene	13.623	162	313075	43.99	ng		96
48) 2-Nitroaniline	13.817	65	120960	45.92	ng	#	73
49) Acenaphthylene	14.469	152	511703	44.40	ng		98
50) Dimethylphthalate	14.193	163	411926	41.15	ng		99
51) 2,6-Dinitrotoluene	14.310	165	89820	41.69	ng	#	55
52) Acenaphthene	14.810	154	314390	40.59	ng		96
53) 3-Nitroaniline	14.639	138	27264	13.22	ng	#	81
54) 2,4-Dinitrophenol	14.845	184	124601	94.76	ng	#	51
55) Dibenzofuran	15.145	168	476300	41.29	ng		92
56) 4-Nitrophenol	14.951	139	155790	84.39	ng	#	31
57) 2,4-Dinitrotoluene	15.098	165	124342	40.65	ng	#	72
58) Fluorene	15.791	166	391427	40.42	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.362	232	128997	39.01	ng	#	87
60) Diethylphthalate	15.550	149	427300	43.67	ng		94
61) 4-Chlorophenyl-phenyle...	15.779	204	217812	39.10	ng		93
62) 4-Nitroaniline	15.809	138	89614	39.66	ng	#	44
63) Azobenzene	16.073	77	428500	40.24	ng		86
65) 4,6-Dinitro-2-methylph...	15.861	198	81603	46.42	ng		85
66) n-Nitrosodiphenylamine	15.997	169	354762	43.87	ng		99
67) 4-Bromophenyl-phenylether	16.678	248	144973	41.23	ng	#	93
68) Hexachlorobenzene	16.796	284	159572	42.35	ng	#	91
69) Atrazine	16.942	200	153035	47.04	ng		98
70) Pentachlorophenol	17.136	266	221700	88.52	ng		97
71) Phenanthrene	17.536	178	701562	47.57	ng		98
72) Anthracene	17.630	178	675541	46.17	ng		97
73) Carbazole	17.894	167	617706	44.27	ng		98
74) Di-n-butylphthalate	18.447	149	740958	47.98	ng	#	97
75) Fluoranthene	19.545	202	889108	45.28	ng		96
77) Benzidine	19.722	184	488513	54.89	ng		97
78) Pyrene	19.910	202	899863	44.10	ng		97
80) Butylbenzylphthalate	20.785	149	351959	48.53	ng	#	85
81) Benzo(a)anthracene	21.766	228	892083	43.29	ng		98
82) 3,3'-Dichlorobenzidine	21.672	252	95942	12.90	ng	#	91
83) Chrysene	21.837	228	835039	42.27	ng		98
84) Bis(2-ethylhexyl)phtha...	21.661	149	510332	50.93	ng		94
85) Di-n-octyl phthalate	22.918	149	866909	51.67	ng		97
87) Indeno(1,2,3-cd)pyrene	28.934	276	1054059	43.77	ng	#	88
88) Benzo(b)fluoranthene	24.058	252	957263	43.02	ng	#	95
89) Benzo(k)fluoranthene	24.128	252	854301	40.69	ng	#	96
90) Benzo(a)pyrene	24.963	252	827616	40.79	ng	#	98
91) Dibenzo(a,h)anthracene	29.011	278	873146	42.51	ng	#	94
92) Benzo(g,h,i)perylene	30.145	276	865678	43.44	ng	#	91

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

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