Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010521\
Data File : BG047871.D
Acq On : 5 Jan 2021 17:36
Operator : CG/JU
Sample : M1006-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
R-LA-21-5-WCMSD

Manual Integrations APPROVED
mohammad
1/6/2021 12:01:46 PM

Quant Time: Jan 05 18:11:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 15:55:16 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.197	152	26194	20.00	ng		# 0.00
21) Naphthalene-d8	11.023	136	95448	20.00	ng		# 0.00
39) Acenaphthene-d10	14.824	164	71381	20.00	ng		0.00
64) Phenanthrene-d10	17.556	188	180121	20.00	ng		# 0.00
76) Chrysene-d12	21.834	240	200957	20.00	ng		# 0.00
86) Perylene-d12	25.183	264	211787	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.729	112	195885	129.37	ng		0.00
7) Phenol-d6	7.339	99	265703	120.04	ng		0.00
23) Nitrobenzene-d5	9.366	82	194119	74.81	ng		0.00
42) 2,4,6-Tribromophenol	16.305	330	151267	124.13	ng		0.00
45) 2-Fluorobiphenyl	13.443	172	414016	75.05	ng		0.00
79) Terphenyl-d14	20.142	244	866333	71.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.549	88	22969	35.31	ng	#	85
3) Pyridine	3.966	79	66253	39.46	ng	#	80
4) n-Nitrosodimethylamine	3.872	42	55618	41.87	ng	#	48
6) Aniline	7.509	93	72264	29.43	ng	#	94
8) 2-Chlorophenol	7.756	128	77994	50.53	ng		92
9) Benzaldehyde	7.327	77	20245	13.96	ng		94
10) Phenol	7.368	94	104670	52.16	ng	#	55
11) bis(2-Chloroethyl)ether	7.603	93	66522	46.52	ng		88
12) 1,3-Dichlorobenzene	8.085	146	90624	43.56	ng	#	86
13) 1,4-Dichlorobenzene	8.232	146	93114	44.79	ng		91
14) 1,2-Dichlorobenzene	8.555	146	87599	44.81	ng		91
15) Benzyl Alcohol	8.432	79	92439	47.14	ng	#	79
16) 2,2'-oxybis(1-Chloropr...	8.720	45	62968	44.32	ng		76
17) 2-Methylphenol	8.637	107	67293	47.52	ng	#	85
18) Hexachloroethane	9.295	117	34881	42.79	ng	#	82
19) n-Nitroso-di-n-propyla...	9.002	70	70284	45.63	ng		96
20) 3+4-Methylphenols	8.960	107	95710	49.34	ng		88
22) Acetophenone	9.025	105	122411	44.81	ng	#	89
24) Nitrobenzene	9.413	77	110181	44.99	ng	#	85
25) Isophorone	9.930	82	181836	46.47	ng	#	94
26) 2-Nitrophenol	10.124	139	44378	45.80	ng	#	37
27) 2,4-Dimethylphenol	10.171	122	76520	54.86	ng	#	82
28) bis(2-Chloroethoxy)met...	10.412	93	88306	43.66	ng		97
29) 2,4-Dichlorophenol	10.664	162	84880	46.73	ng		90
30) 1,2,4-Trichlorobenzene	10.888	180	98072	42.08	ng		96
31) Naphthalene	11.076	128	236191	45.02	ng		97
32) Benzoic acid	10.294	122	23098	31.54	ng	#	63
33) 4-Chloroaniline	11.176	127	46972	21.07	ng		94
34) Hexachlorobutadiene	11.358	225	82967	40.37	ng		95
35) Caprolactam	11.933	113	27190m	47.14	ng		
36) 4-Chloro-3-methylphenol	12.280	107	97672	49.20	ng	#	82
37) 2-Methylnaphthalene	12.668	142	183343	45.05	ng	#	91
38) 1-Methylnaphthalene	12.885	142	167415	43.53	ng	#	93
40) 1,2,4,5-Tetrachloroben...	13.026	216	124482	42.49	ng	#	95
41) Hexachlorocyclopentadiene	13.003	237	168357	106.13	ng		98
43) 2,4,6-Trichlorophenol	13.261	196	85866	45.87	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.332	196	92852	50.13	ng	#	90
46) 1,1'-Biphenyl	13.661	154	243660	44.73	ng		96
47) 2-Chloronaphthalene	13.708	162	191685	43.28	ng		96
48) 2-Nitroaniline	13.896	65	72537	44.32	ng	#	66
49) Acenaphthylene	14.548	152	300081	45.65	ng		98
50) Dimethylphthalate	14.260	163	344641	56.01	ng		97
51) 2,6-Dinitrotoluene	14.384	165	60115	48.06	ng	#	41
52) Acenaphthene	14.883	154	249325m	53.78	ng		
53) 3-Nitroaniline	14.718	138	32327	26.08	ng	#	63
54) 2,4-Dinitrophenol	14.924	184	88075	109.91	ng	#	47
55) Dibenzofuran	15.218	168	301926	44.92	ng	#	90
56) 4-Nitrophenol	15.012	139	96101	107.55	ng	#	26
57) 2,4-Dinitrotoluene	15.171	165	89731	48.26	ng	#	66
58) Fluorene	15.864	166	256888	44.99	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.441	232	90902	48.05	ng	#	95
60) Diethylphthalate	15.617	149	261278	44.04	ng		98
61) 4-Chlorophenyl-phenyle...	15.847	204	158049	43.93	ng		96
62) 4-Nitroaniline	15.870	138	59852	43.90	ng	#	36
63) Azobenzene	16.140	77	252826	45.71	ng		87
65) 4,6-Dinitro-2-methylph...	15.935	198	61522	53.46	ng		91
66) n-Nitrosodiphenylamine	16.058	169	239081	46.39	ng		94
67) 4-Bromophenyl-phenylether	16.740	248	102995	42.55	ng	#	90
68) Hexachlorobenzene	16.869	284	115330	43.93	ng		96
69) Atrazine	16.998	200	89976	41.56	ng		97
70) Pentachlorophenol	17.204	266	140145	72.85	ng		96
71) Phenanthrene	17.603	178	451199	46.47	ng		97
72) Anthracene	17.691	178	451790	47.99	ng		97
73) Carbazole	17.956	167	408856	49.60	ng		99
74) Di-n-butylphthalate	18.491	149	461283	47.47	ng	#	96
75) Fluoranthene	19.595	202	627210	48.18	ng		93
77) Benzidine	19.765	184	186655	34.54	ng		98
78) Pyrene	19.953	202	627942	43.62	ng		95
80) Butylbenzylphthalate	20.817	149	217602	44.07	ng	#	83
81) Benzo(a)anthracene	21.816	228	641004	44.41	ng		99
82) 3,3'-Dichlorobenzidine	21.716	252	129559	25.50	ng		99
83) Chrysene	21.881	228	609826	44.73	ng		98
84) Bis(2-ethylhexyl)phtha...	21.693	149	304444	44.74	ng		94
85) Di-n-octyl phthalate	22.938	149	543654	47.12	ng		96
87) Indeno(1,2,3-cd)pyrene	29.031	276	760084	47.27	ng	#	71
88) Benzo(b)fluoranthene	24.113	252	712217	48.77	ng	#	94
89) Benzo(k)fluoranthene	24.184	252	686425	48.49	ng	#	95
90) Benzo(a)pyrene	25.024	252	632577	46.56	ng	#	94
91) Dibenzo(a,h)anthracene	29.090	278	627161	48.14	ng	#	92
92) Benzo(g,h,i)perylene	30.241	276	625443	49.09	ng	#	88

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

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