Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050720\
Data File : BG045271.D
Acq On : 7 May 2020 16:01
Operator : CG/JU
Sample : L2515-04MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-18AMSD

Manual Integrations APPROVED
mohammad
5/8/2020 1:00:04 PM

Quant Time: May 07 16:57:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 07 12:51:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	64047	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	260011	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	185667	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	445926	20.00	ng	0.00
76) Chrysene-d12	21.64	240	407625	20.00	ng	0.00
87) Perylene-d12	24.81	264	441767	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	393998	101.56	ng	0.00
7) Phenol-d6	7.15	99	493748	85.66	ng	0.00
23) Nitrobenzene-d5	9.14	82	422785	74.19	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	351917	122.69	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	999427	78.93	ng	0.00
79) Terphenyl-d14	19.99	244	1826800	97.68	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	58179	33.745	ng	# 29
3) Pyridine	3.85	79	121816	22.948	ng	99
4) n-Nitrosodimethylamine	3.75	42	58766	36.138	ng	95
6) Aniline	7.30	93	208277	27.792	ng	98
8) 2-Chlorophenol	7.55	128	165752	39.755	ng	98
9) Benzaldehyde	7.11	77	111403	32.275	ng	97
10) Phenol	7.18	94	174544	30.262	ng	100
11) bis(2-Chloroethyl)ether	7.40	93	164106	35.736	ng	96
12) 1,3-Dichlorobenzene	7.87	146	180273	36.693	ng	96
13) 1,4-Dichlorobenzene	8.02	146	181423	37.059	ng	98
14) 1,2-Dichlorobenzene	8.34	146	169491	36.189	ng	96
15) Benzyl Alcohol	8.22	79	173697	35.944	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.51	45	150613	33.412	ng	92
17) 2-Methylphenol	8.43	107	144658	32.507	ng	99
18) Hexachloroethane	9.07	117	68339	37.133	ng	95
19) n-Nitroso-di-n-propylamine	8.79	70	148047	36.320	ng	99
20) 3+4-Methylphenols	8.76	107	198380	31.849	ng	95
22) Acetophenone	8.80	105	271427	38.602	ng	# 97
24) Nitrobenzene	9.18	77	224162	38.377	ng	92
25) Isophorone	9.71	82	428078	36.683	ng	99
26) 2-Nitrophenol	9.90	139	99189	39.423	ng	96
27) 2,4-Dimethylphenol	9.96	122	162068	40.596	ng	94
28) bis(2-Chloroethoxy)methane	10.19	93	230376	37.574	ng	99
29) 2,4-Dichlorophenol	10.44	162	178594	38.743	ng	99
30) 1,2,4-Trichlorobenzene	10.66	180	196375	37.625	ng	96
31) Naphthalene	10.84	128	595914	41.895	ng	99
32) Benzoic acid	10.10	122	79956	27.874	ng	94
33) 4-Chloroaniline	10.94	127	78781	11.876	ng	98
34) Hexachlorobutadiene	11.14	225	130936	36.591	ng	98
35) Caprolactam	11.71	113	47297m	25.780	ng	
36) 4-Chloro-3-methylphenol	12.08	107	215192	39.738	ng	99
37) 2-Methylnaphthalene	12.45	142	423015	38.315	ng	97
38) 1-Methylnaphthalene	12.67	142	408470m	39.191	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	234802	39.278	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	256059	68.532	ng		98
43) 2,4,6-Trichlorophenol	13.06	196	172249	40.827	ng		95
44) 2,4,5-Trichlorophenol	13.14	196	188884	39.331	ng		98
46) 1,1'-Biphenyl	13.46	154	553832	39.246	ng		100
47) 2-Chloronaphthalene	13.50	162	416317	38.609	ng		99
48) 2-Nitroaniline	13.69	65	145823	41.102	ng		96
49) Acenaphthylene	14.35	152	717972	40.878	ng		99
50) Dimethylphthalate	14.08	163	680345	45.003	ng		98
51) 2,6-Dinitrotoluene	14.19	165	139099	41.136	ng		93
52) Acenaphthene	14.69	154	532283m	44.791	ng		
53) 3-Nitroaniline	14.52	138	79556	21.452	ng	#	89
54) 2,4-Dinitrophenol	14.73	184	162973	81.053	ng		95
55) Dibenzofuran	15.03	168	707872	40.857	ng		98
56) 4-Nitrophenol	14.84	139	184928	64.311	ng		89
57) 2,4-Dinitrotoluene	14.99	165	201765	40.830	ng		97
58) Fluorene	15.67	166	597595	42.228	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	188672	44.154	ng		98
60) Diethylphthalate	15.44	149	636149	40.360	ng		99
61) 4-Chlorophenyl-phenylether	15.67	204	321307	39.446	ng		98
62) 4-Nitroaniline	15.69	138	132982	34.571	ng		94
63) Azobenzene	15.96	77	603395	41.522	ng		98
65) 4,6-Dinitro-2-methylphenol	15.76	198	120631	41.156	ng		99
66) n-Nitrosodiphenylamine	15.88	169	532635	41.572	ng		99
67) 4-Bromophenyl-phenylether	16.56	248	229447	39.884	ng		96
68) Hexachlorobenzene	16.69	284	250854	42.045	ng		97
69) Atrazine	16.83	200	207695	44.379	ng		96
70) Pentachlorophenol	17.03	266	297554	81.296	ng		97
71) Phenanthrene	17.42	178	980178	42.775	ng		99
72) Anthracene	17.51	178	994640	43.271	ng		99
73) Carbazole	17.78	167	913075	39.143	ng		97
74) Di-n-butylphthalate	18.34	149	1086438	42.442	ng		100
75) Fluoranthene	19.43	202	1203876	44.649	ng		98
77) Benzidine	19.60	184	582029	49.953	ng		97
78) Pyrene	19.79	202	1196208	42.567	ng		98
80) Butylbenzylphthalate	20.68	149	482926	41.458	ng		100
81) Benzo(a)anthracene	21.62	228	1115261	42.213	ng		98
82) 3,3'-Dichlorobenzidine	21.54	252	245624	23.358	ng		98
83) Chrysene	21.69	228	1065308	41.967	ng		100
84) Bis(2-ethylhexyl)phthalate	21.54	149	669252	41.774	ng		99
85) Di-n-octyl phthalate	22.73	149	1121208	40.471	ng		100
86) Indeno(1,2,3-cd)pyrene	28.42	276	1394378	41.373	ng	#	97
88) Benzo(b)fluoranthene	23.81	252	1171433	42.333	ng		99
89) Benzo(k)fluoranthene	23.88	252	1142007	43.396	ng		99
90) Benzo(a)pyrene	24.67	252	1076520	41.204	ng		99
91) Dibenzo(a,h)anthracene	28.48	278	1135758	43.141	ng		95
92) Benzo(g,h,i)perylene	29.54	276	1163394	44.078	ng		98

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

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