Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032521\
Data File : BG048500.D
Acq On : 25 Mar 2021 13:41
Operator : CG/JU
Sample : M1779-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-3B1-(3.0-3.5)MSD

Manual Integrations APPROVED
mohammad
3/26/2021 1:20:41 PM

Quant Time: Mar 25 14:17:31 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	8.103	152	47870	20.00	ng	0.00
21) Naphthalene-d8	10.923	136	187672	20.00	ng	# 0.00
39) Acenaphthene-d10	14.742	164	136082	20.00	ng	0.00
64) Phenanthrene-d10	17.492	188	309003	20.00	ng	# 0.00
76) Chrysene-d12	21.781	240	294049	20.00	ng	#-0.01
86) Perylene-d12	25.112	264	319971	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.653	112	308522	106.58	ng	0.00
7) Phenol-d6	7.257	99	419278	99.54	ng	0.00
23) Nitrobenzene-d5	9.266	82	304631	64.90	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	212877	96.19	ng	0.00
45) 2-Fluorobiphenyl	13.361	172	613356	64.84	ng	0.00
79) Terphenyl-d14	20.101	244	1049263	64.35	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.514	88	40939	33.52	ng	# 93
3) Pyridine	3.920	79	121360	35.64	ng	87
4) n-Nitrosodimethylamine	3.831	42	78248	39.55	ng	# 65
6) Aniline	7.415	93	86139	17.29	ng	97
8) 2-Chlorophenol	7.662	128	137880	45.68	ng	94
9) Benzaldehyde	7.227	77	125359	58.91	ng	84
10) Phenol	7.280	94	195780	45.36	ng	71
11) bis(2-Chloroethyl)ether	7.509	93	130196	43.05	ng	98
12) 1,3-Dichlorobenzene	7.985	146	145052	40.39	ng	# 89
13) 1,4-Dichlorobenzene	8.138	146	148882	41.77	ng	96
14) 1,2-Dichlorobenzene	8.455	146	142592m	41.70	ng	
15) Benzyl Alcohol	8.332	79	162217	43.38	ng	# 86
16) 2,2'-oxybis(1-Chloropr...	8.626	45	139048	40.21	ng	90
17) 2-Methylphenol	8.538	107	128575	46.98	ng	# 84
18) Hexachloroethane	9.190	117	58559	42.70	ng	96
19) n-Nitroso-di-n-propyla...	8.902	70	124202	39.72	ng	# 97
20) 3+4-Methylphenols	8.867	107	173438	46.26	ng	89
22) Acetophenone	8.925	105	218842	41.46	ng	# 93
24) Nitrobenzene	9.307	77	187914	37.37	ng	# 80
25) Isophorone	9.830	82	333774	37.15	ng	# 91
26) 2-Nitrophenol	10.024	139	76974	40.28	ng	# 58
27) 2,4-Dimethylphenol	10.077	122	145871	48.91	ng	88
28) bis(2-Chloroethoxy)met...	10.312	93	178692	43.88	ng	97
29) 2,4-Dichlorophenol	10.565	162	145433	42.02	ng	95
30) 1,2,4-Trichlorobenzene	10.776	180	154730	36.99	ng	98
31) Naphthalene	10.970	128	407594	39.17	ng	100
32) Benzoic acid	10.218	122	109769	47.30	ng	# 79
33) 4-Chloroaniline	11.070	127	36497	8.20	ng	# 92
34) Hexachlorobutadiene	11.252	225	110539	33.34	ng	98
35) Caprolactam	11.851	113	54487m	44.10	ng	
36) 4-Chloro-3-methylphenol	12.198	107	172016	42.82	ng	# 81
37) 2-Methylnaphthalene	12.574	142	319424	40.22	ng	# 93
38) 1-Methylnaphthalene	12.792	142	297020m	39.76	ng	
40) 1,2,4,5-Tetrachloroben...	12.938	216	183025	36.83	ng	# 94
41) Hexachlorocyclopentadiene	12.915	237	269836	83.99	ng	100
43) 2,4,6-Trichlorophenol	13.173	196	132596	39.37	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.250	196	143775	38.79	ng	#	90
46) 1,1'-Biphenyl	13.573	154	412220	42.21	ng		99
47) 2-Chloronaphthalene	13.620	162	320383	40.69	ng		94
48) 2-Nitroaniline	13.820	65	126946	43.56	ng	#	73
49) Acenaphthylene	14.466	152	542851	42.58	ng		97
50) Dimethylphthalate	14.190	163	450218	40.65	ng		99
51) 2,6-Dinitrotoluene	14.307	165	95337	40.00	ng	#	56
52) Acenaphthene	14.807	154	336675	39.29	ng		99
53) 3-Nitroaniline	14.642	138	23351	10.23	ng	#	72
54) 2,4-Dinitrophenol	14.842	184	136402	93.76	ng	#	55
55) Dibenzofuran	15.142	168	504671	39.54	ng		95
56) 4-Nitrophenol	14.954	139	161458	79.06	ng	#	37
57) 2,4-Dinitrotoluene	15.095	165	135784	40.12	ng	#	62
58) Fluorene	15.788	166	406192	37.92	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.365	232	130174	35.59	ng	#	84
60) Diethylphthalate	15.553	149	455565	42.08	ng		94
61) 4-Chlorophenyl-phenyle...	15.776	204	232065	37.66	ng		89
62) 4-Nitroaniline	15.806	138	92279	36.91	ng	#	37
63) Azobenzene	16.070	77	458136	38.89	ng		87
65) 4,6-Dinitro-2-methylph...	15.858	198	81234	41.75	ng		74
66) n-Nitrosodiphenylamine	15.994	169	375840	41.99	ng		99
67) 4-Bromophenyl-phenylether	16.675	248	155244	39.89	ng	#	91
68) Hexachlorobenzene	16.793	284	167073	40.06	ng	#	93
69) Atrazine	16.940	200	162012	45.00	ng		96
70) Pentachlorophenol	17.139	266	229302	82.72	ng		98
71) Phenanthrene	17.533	178	674400	41.32	ng		98
72) Anthracene	17.627	178	699773	43.21	ng		97
73) Carbazole	17.891	167	647118	41.90	ng		98
74) Di-n-butylphthalate	18.450	149	775981	45.40	ng	#	97
75) Fluoranthene	19.542	202	844627	38.86	ng		97
77) Benzidine	19.719	184	454657	51.62	ng		98
78) Pyrene	19.907	202	840166	41.60	ng		97
80) Butylbenzylphthalate	20.782	149	350712	48.86	ng	#	83
81) Benzo(a)anthracene	21.763	228	844984	41.43	ng		97
82) 3,3'-Dichlorobenzidine	21.675	252	105067	14.28	ng		99
83) Chrysene	21.834	228	786642	40.23	ng		99
84) Bis(2-ethylhexyl)phtha...	21.658	149	502288	50.65	ng		93
85) Di-n-octyl phthalate	22.915	149	839681	50.56	ng	#	94
87) Indeno(1,2,3-cd)pyrene	28.937	276	1003320	41.12	ng	#	85
88) Benzo(b)fluoranthene	24.055	252	890575	39.50	ng	#	98
89) Benzo(k)fluoranthene	24.125	252	828663	38.95	ng	#	97
90) Benzo(a)pyrene	24.960	252	782684	38.07	ng	#	98
91) Dibenzo(a,h)anthracene	29.002	278	833733	40.05	ng	#	95
92) Benzo(g,h,i)perylene	30.136	276	828614	41.02	ng	#	94

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

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