Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062421\
Data File : BG049083.D
Acq On : 24 Jun 2021 17:32
Operator : CG/JU
Sample : M2795-07MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B4-0-2MS

Manual Integrations APPROVED
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Quant Time: Jun 25 05:32:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 24 11:02:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	27425	20.000	ng	0.00
21) Naphthalene-d8	10.924	136	112174	20.000	ng	# 0.00
39) Acenaphthene-d10	14.749	164	83105	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	211682	20.000	ng	# 0.00
76) Chrysene-d12	21.787	240	211010	20.000	ng	0.00
86) Perylene-d12	25.101	264	230194	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.659	112	119374	67.758	ng	0.00
7) Phenol-d6	7.257	99	237907	90.098	ng	0.00
23) Nitrobenzene-d5	9.273	82	183061	70.369	ng	0.00
42) 2,4,6-Tribromophenol	16.235	330	53240	43.241	ng	0.00
45) 2-Fluorobiphenyl	13.368	172	400318	68.048	ng	0.00
79) Terphenyl-d14	20.101	244	778333	67.554	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.532	88	30126	35.027	ng	# 76
3) Pyridine	3.938	79	76495	32.786	ng	92
4) n-Nitrosodimethylamine	3.850	42	61881	55.383	ng	# 84
6) Aniline	7.422	93	109079	32.802	ng	# 90
8) 2-Chlorophenol	7.669	128	96053	49.465	ng	89
9) Benzaldehyde	7.234	77	72688	53.199	ng	# 84
10) Phenol	7.287	94	127589	46.772	ng	87
11) bis(2-Chloroethyl)ether	7.516	93	85615	42.300	ng	85
12) 1,3-Dichlorobenzene	7.992	146	97689	45.034	ng	98
13) 1,4-Dichlorobenzene	8.139	146	97895	45.266	ng	98
14) 1,2-Dichlorobenzene	8.462	146	95838	46.065	ng	92
15) Benzyl Alcohol	8.338	79	108495	44.864	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.638	45	148370	38.742	ng	84
17) 2-Methylphenol	8.550	107	82769	46.267	ng	97
18) Hexachloroethane	9.196	117	39897	45.986	ng	96
19) n-Nitroso-di-n-propyla...	8.914	70	78905	38.229	ng	98
20) 3+4-Methylphenols	8.879	107	115970	47.414	ng	98
22) Acetophenone	8.932	105	155846	45.666	ng	# 97
24) Nitrobenzene	9.314	77	128333	43.794	ng	98
25) Isophorone	9.843	82	211632	37.341	ng	97
26) 2-Nitrophenol	10.031	139	54479	54.807	ng	96
27) 2,4-Dimethylphenol	10.083	122	89752	49.801	ng	99
28) bis(2-Chloroethoxy)met...	10.324	93	116138	44.255	ng	94
29) 2,4-Dichlorophenol	10.571	162	94819	46.896	ng	87
30) 1,2,4-Trichlorobenzene	10.789	180	107167	46.230	ng	95
31) Naphthalene	10.977	128	288036	43.101	ng	99
32) Benzoic acid	10.230	122	63743	54.150	ng	# 70
33) 4-Chloroaniline	11.082	127	54764	19.300	ng	96
34) Hexachlorobutadiene	11.264	225	77843	47.116	ng	93
35) Caprolactam	11.864	113	34588m	59.179	ng	
36) 4-Chloro-3-methylphenol	12.204	107	117349	47.484	ng	# 96
37) 2-Methylnaphthalene	12.581	142	222479	44.076	ng	96
38) 1-Methylnaphthalene	12.798	142	206625	43.602	ng	92
40) 1,2,4,5-Tetrachloroben...	12.945	216	126446	47.916	ng	97
41) Hexachlorocyclopentadiene	12.927	237	201070	118.526	ng	92
43) 2,4,6-Trichlorophenol	13.180	196	94862	53.726	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.256	196	104144	57.041	ng		90
46) 1,1'-Biphenyl	13.579	154	278329	45.427	ng		96
47) 2-Chloronaphthalene	13.626	162	225817	46.153	ng		98
48) 2-Nitroaniline	13.826	65	91839	50.550	ng		98
49) Acenaphthylene	14.472	152	371193	45.527	ng		94
50) Dimethylphthalate	14.196	163	319041	49.284	ng		99
51) 2,6-Dinitrotoluene	14.314	165	69978	53.081	ng		97
52) Acenaphthene	14.813	154	283836m	54.012	ng		
53) 3-Nitroaniline	14.649	138	41597	31.166	ng		90
54) 2,4-Dinitrophenol	14.854	184	93875	153.727	ng		91
55) Dibenzofuran	15.148	168	364926	44.674	ng		98
56) 4-Nitrophenol	14.960	139	126362	116.128	ng		92
57) 2,4-Dinitrotoluene	15.101	165	104685	64.648	ng		94
58) Fluorene	15.794	166	309349	46.311	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.371	232	102348	55.380	ng	#	97
60) Diethylphthalate	15.559	149	339227	48.384	ng		96
61) 4-Chlorophenyl-phenyle...	15.783	204	170712	48.876	ng		98
62) 4-Nitroaniline	15.812	138	73983	54.810	ng		87
63) Azobenzene	16.076	77	327514	40.826	ng		90
65) 4,6-Dinitro-2-methylph...	15.865	198	61587	61.353	ng		90
66) n-Nitrosodiphenylamine	16.000	169	280582	42.533	ng		96
67) 4-Bromophenyl-phenylether	16.682	248	119648	45.268	ng		91
68) Hexachlorobenzene	16.799	284	134862	47.077	ng		97
69) Atrazine	16.946	200	122836	58.011	ng		97
70) Pentachlorophenol	17.146	266	182312	105.894	ng		97
71) Phenanthrene	17.539	178	544992	45.756	ng		98
72) Anthracene	17.628	178	542973	45.366	ng		99
73) Carbazole	17.898	167	496168	43.248	ng		97
74) Di-n-butylphthalate	18.450	149	602774	46.844	ng		99
75) Fluoranthene	19.543	202	693518	48.285	ng		97
77) Benzidine	19.719	184	306635	72.136	ng		98
78) Pyrene	19.907	202	696782	45.495	ng		97
80) Butylbenzylphthalate	20.789	149	264675	45.804	ng		99
81) Benzo(a)anthracene	21.764	228	702938	46.397	ng		99
82) 3,3'-Dichlorobenzidine	21.676	252	175036	36.128	ng		98
83) Chrysene	21.834	228	677202	46.619	ng		97
84) Bis(2-ethylhexyl)phtha...	21.664	149	386059	46.870	ng		97
85) Di-n-octyl phthalate	22.915	149	658009	47.103	ng		97
87) Indeno(1,2,3-cd)pyrene	28.908	276	875203	50.519	ng	#	96
88) Benzo(b)fluoranthene	24.049	252	767770	46.787	ng	#	95
89) Benzo(k)fluoranthene	24.120	252	704062	45.221	ng	#	99
90) Benzo(a)pyrene	24.948	252	734153	49.011	ng		97
91) Dibenzo(a,h)anthracene	28.979	278	726617	50.185	ng	#	98
92) Benzo(g,h,i)perylene	30.101	276	729089	49.938	ng	#	98

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

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