Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111821\
Data File : BG051107.D
Acq On : 18 Nov 2021 16:05
Operator : CG/JU
Sample : M4693-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
UT-COMP-01MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/18/2021
Supervised By :mohammad ahmed 11/29/2021

Quant Time: Nov 18 17:24:55 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 03:55:35 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.223	152	30166	20.000	ng		0.00
21) Naphthalene-d8	11.049	136	128108	20.000	ng	#	0.00
39) Acenaphthene-d10	14.851	164	85372	20.000	ng		0.00
64) Phenanthrene-d10	17.600	188	192569	20.000	ng	#	0.00
76) Chrysene-d12	21.901	240	163979	20.000	ng	#	0.00
86) Perylene-d12	25.303	264	163421	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.761	112	230257	114.182	ng		0.00
7) Phenol-d6	7.377	99	293160	102.997	ng		0.00
23) Nitrobenzene-d5	9.398	82	220633	76.238	ng		0.00
42) 2,4,6-Tribromophenol	16.343	330	109953	128.699	ng		0.00
45) 2-Fluorobiphenyl	13.470	172	442483	81.893	ng		0.00
79) Terphenyl-d14	20.185	244	726714	81.091	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.617	88	31867	35.774	ng	#	29
3) Pyridine	4.040	79	63218	23.613	ng	#	88
4) n-Nitrosodimethylamine	3.940	42	46864	39.462	ng	#	41
6) Aniline	7.541	93	80204	23.660	ng	#	94
8) 2-Chlorophenol	7.782	128	94238	45.498	ng		92
9) Benzaldehyde	7.353	77	59727	29.161	ng		90
10) Phenol	7.400	94	116818	39.963	ng	#	81
11) bis(2-Chloroethyl)ether	7.630	93	94646	42.020	ng		89
12) 1,3-Dichlorobenzene	8.111	146	92319	40.923	ng		94
13) 1,4-Dichlorobenzene	8.258	146	95184	41.920	ng		97
14) 1,2-Dichlorobenzene	8.581	146	92090	41.759	ng		95
15) Benzyl Alcohol	8.464	79	103294	46.139	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.740	45	141094	39.078	ng		87
17) 2-Methylphenol	8.664	107	86434	44.409	ng	#	89
18) Hexachloroethane	9.310	117	36082	41.863	ng		97
19) n-Nitroso-di-n-propyla...	9.022	70	87006	41.365	ng		88
20) 3+4-Methylphenols	8.993	107	119302	43.437	ng		93
22) Acetophenone	9.051	105	148413	41.682	ng	#	93
24) Nitrobenzene	9.439	77	125967	44.150	ng		92
25) Isophorone	9.962	82	229622	43.898	ng	#	93
26) 2-Nitrophenol	10.156	139	54577	45.007	ng	#	88
27) 2,4-Dimethylphenol	10.203	122	95138	51.472	ng		92
28) bis(2-Chloroethoxy)met...	10.432	93	129728	41.723	ng		93
29) 2,4-Dichlorophenol	10.697	162	93999	47.565	ng		96
30) 1,2,4-Trichlorobenzene	10.908	180	92468	41.766	ng		95
31) Naphthalene	11.102	128	294837	42.861	ng		98
32) Benzoic acid	10.356	122	52984	37.194	ng	#	79
33) 4-Chloroaniline	11.214	127	25700	8.843	ng		91
34) Hexachlorobutadiene	11.361	225	57033	42.336	ng		99
35) Caprolactam	11.995	113	30286m	56.364	ng		
36) 4-Chloro-3-methylphenol	12.318	107	115384	46.798	ng	#	93
37) 2-Methylnaphthalene	12.688	142	211757	45.302	ng		94
38) 1-Methylnaphthalene	12.906	142	195721	42.846	ng		92
40) 1,2,4,5-Tetrachloroben...	13.053	216	109086	43.861	ng		98
41) Hexachlorocyclopentadiene	13.017	237	76866	90.754	ng		93
43) 2,4,6-Trichlorophenol	13.294	196	81307	45.821	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.370	196	87502	46.237	ng		92
46) 1,1'-Biphenyl	13.681	154	269621	43.250	ng		95
47) 2-Chloronaphthalene	13.734	162	216783	44.350	ng		99
48) 2-Nitroaniline	13.940	65	83492	44.604	ng		83
49) Acenaphthylene	14.574	152	352232	44.556	ng		97
50) Dimethylphthalate	14.292	163	296143	44.088	ng		100
51) 2,6-Dinitrotoluene	14.428	165	64358	46.553	ng	#	80
52) Acenaphthene	14.915	154	206183	44.760	ng		91
53) 3-Nitroaniline	14.757	138	30721	19.014	ng		96
54) 2,4-Dinitrophenol	14.974	184	67316	89.042	ng		84
55) Dibenzofuran	15.250	168	338785	43.241	ng		95
56) 4-Nitrophenol	15.068	139	100830	81.576	ng	#	69
57) 2,4-Dinitrotoluene	15.215	165	91288	46.540	ng		91
58) Fluorene	15.896	166	274136	44.824	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.473	232	75524	46.858	ng	#	99
60) Diethylphthalate	15.644	149	314912	44.678	ng		97
61) 4-Chlorophenyl-phenyle...	15.879	204	146911	44.473	ng		95
62) 4-Nitroaniline	15.926	138	70072	41.723	ng	#	61
63) Azobenzene	16.173	77	317051	42.447	ng		82
65) 4,6-Dinitro-2-methylph...	15.979	198	50667	42.529	ng		90
66) n-Nitrosodiphenylamine	16.096	169	249119	45.046	ng		97
67) 4-Bromophenyl-phenylether	16.772	248	91322	45.274	ng		95
68) Hexachlorobenzene	16.901	284	93764	47.224	ng		96
69) Atrazine	17.036	200	99187	72.135	ng		95
70) Pentachlorophenol	17.248	266	99924	88.684	ng		98
71) Phenanthrene	17.641	178	461169	44.897	ng		98
72) Anthracene	17.735	178	467279	45.740	ng		98
73) Carbazole	18.000	167	431047	42.606	ng		99
74) Di-n-butylphthalate	18.529	149	549941	45.879	ng	#	96
75) Fluoranthene	19.639	202	537587	42.659	ng		96
77) Benzidine	19.815	184	78876	25.447	ng		98
78) Pyrene	20.003	202	539498	43.856	ng		97
80) Butylbenzylphthalate	20.861	149	230770	43.643	ng		97
81) Benzo(a)anthracene	21.878	228	489372	43.463	ng		99
82) 3,3'-Dichlorobenzidine	21.778	252	89697	17.419	ng	#	98
83) Chrysene	21.948	228	469989	44.248	ng		96
84) Bis(2-ethylhexyl)phtha...	21.737	149	331307	44.497	ng	#	97
85) Di-n-octyl phthalate	23.006	149	559587	44.648	ng		99
87) Indeno(1,2,3-cd)pyrene	29.240	276	529167	45.620	ng	#	92
88) Benzo(b)fluoranthene	24.216	252	480935	46.753	ng	#	94
89) Benzo(k)fluoranthene	24.292	252	462460	45.076	ng	#	97
90) Benzo(a)pyrene	25.144	252	462321	52.644	ng	#	94
91) Dibenzo(a,h)anthracene	29.298	278	448228	46.934	ng	#	90
92) Benzo(g,h,i)perylene	30.473	276	442370	47.069	ng	#	90

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

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