Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112021\
Data File : BG051153.D
Acq On : 20 Nov 2021 18:36
Operator : CG/JU
Sample : M4736-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-202MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021

Quant Time: Nov 22 01:24:59 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 16:26:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.202	152	27473	20.000	ng		0.00
21) Naphthalene-d8	11.034	136	113207	20.000	ng	#	0.00
39) Acenaphthene-d10	14.835	164	75550	20.000	ng		0.00
64) Phenanthrene-d10	17.585	188	174192	20.000	ng	#	0.00
76) Chrysene-d12	21.886	240	166846	20.000	ng	#	0.00
86) Perylene-d12	25.282	264	169533	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.746	112	268779	151.236	ng		0.00
7) Phenol-d6	7.362	99	342797	136.948	ng		0.00
23) Nitrobenzene-d5	9.383	82	238879	96.324	ng		0.00
42) 2,4,6-Tribromophenol	16.328	330	123008	153.186	ng		0.00
45) 2-Fluorobiphenyl	13.455	172	470406	93.955	ng		0.00
79) Terphenyl-d14	20.176	244	825244	90.420	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.596	88	33199	44.549	ng	#	41
3) Pyridine	4.019	79	26673	12.031	ng	#	86
4) n-Nitrosodimethylamine	3.913	42	49302	51.722	ng	#	37
6) Aniline	7.526	93	54363	18.283	ng		98
8) 2-Chlorophenol	7.767	128	98681	52.906	ng		95
9) Benzaldehyde	7.338	77	65906	36.392	ng		92
10) Phenol	7.391	94	131971	51.359	ng	#	82
11) bis(2-Chloroethyl)ether	7.615	93	96597	49.725	ng		92
12) 1,3-Dichlorobenzene	8.090	146	94460	47.337	ng		94
13) 1,4-Dichlorobenzene	8.237	146	96536	46.665	ng		96
14) 1,2-Dichlorobenzene	8.560	146	93679	47.738	ng		95
15) Benzyl Alcohol	8.443	79	101310	50.657	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.719	45	136721	48.686	ng		88
17) 2-Methylphenol	8.649	107	88606	51.078	ng	#	90
18) Hexachloroethane	9.289	117	36482	47.193	ng		96
19) n-Nitroso-di-n-propyla...	9.007	70	85568	46.312	ng	#	89
20) 3+4-Methylphenols	8.978	107	120540	48.758	ng		92
22) Acetophenone	9.036	105	149024	48.727	ng	#	94
24) Nitrobenzene	9.424	77	123749	51.453	ng		92
25) Isophorone	9.941	82	219129	49.080	ng	#	95
26) 2-Nitrophenol	10.141	139	55841	51.289	ng	#	87
27) 2,4-Dimethylphenol	10.188	122	94391	58.735	ng		93
28) bis(2-Chloroethoxy)met...	10.417	93	127928	48.118	ng		93
29) 2,4-Dichlorophenol	10.682	162	95780	52.808	ng		98
30) 1,2,4-Trichlorobenzene	10.887	180	98118	48.161	ng		94
31) Naphthalene	11.081	128	288434	48.284	ng		99
32) Benzoic acid	10.358	122	58981	51.851	ng		83
33) 4-Chloroaniline	11.199	127	18624	7.255	ng		92
34) Hexachlorobutadiene	11.345	225	59042	46.939	ng		96
35) Caprolactam	11.980	113	29349m	60.590	ng		
36) 4-Chloro-3-methylphenol	12.303	107	111354	49.724	ng		92
37) 2-Methylnaphthalene	12.673	142	206707	48.842	ng		93
38) 1-Methylnaphthalene	12.891	142	190479	46.101	ng		94
40) 1,2,4,5-Tetrachloroben...	13.038	216	113046	49.234	ng		97
41) Hexachlorocyclopentadiene	13.002	237	91662	135.668	ng		93
43) 2,4,6-Trichlorophenol	13.278	196	82943	52.392	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.355	196	89084	52.062	ng		90
46) 1,1'-Biphenyl	13.672	154	263343	48.491	ng		94
47) 2-Chloronaphthalene	13.719	162	213943	49.760	ng		98
48) 2-Nitroaniline	13.925	65	80756	51.967	ng		89
49) Acenaphthylene	14.565	152	343293	50.080	ng		96
50) Dimethylphthalate	14.283	163	291308	50.049	ng		98
51) 2,6-Dinitrotoluene	14.412	165	64093	52.720	ng	#	80
52) Acenaphthene	14.900	154	200572	50.133	ng		95
53) 3-Nitroaniline	14.747	138	31367	23.033	ng		98
54) 2,4-Dinitrophenol	14.965	184	82847	121.140	ng		83
55) Dibenzofuran	15.235	168	332597	47.870	ng		97
56) 4-Nitrophenol	15.065	139	110226	115.060	ng	#	72
57) 2,4-Dinitrotoluene	15.206	165	93600	53.751	ng	#	90
58) Fluorene	15.881	166	272992	50.043	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.458	232	76146	51.835	ng	#	97
60) Diethylphthalate	15.635	149	306711	49.969	ng		98
61) 4-Chlorophenyl-phenyle...	15.864	204	146007	48.959	ng		94
62) 4-Nitroaniline	15.911	138	70616	48.489	ng	#	65
63) Azobenzene	16.157	77	304989	49.615	ng		82
65) 4,6-Dinitro-2-methylph...	15.969	198	56546	54.356	ng		91
66) n-Nitrosodiphenylamine	16.081	169	250462	50.105	ng		98
67) 4-Bromophenyl-phenylether	16.763	248	93791	49.783	ng		91
68) Hexachlorobenzene	16.886	284	95876	50.068	ng		98
69) Atrazine	17.027	200	104307	78.461	ng		99
70) Pentachlorophenol	17.239	266	112826	129.603	ng		99
71) Phenanthrene	17.626	178	473279	50.550	ng		97
72) Anthracene	17.720	178	480168	51.698	ng		99
73) Carbazole	17.991	167	446364	48.859	ng		99
74) Di-n-butylphthalate	18.519	149	551032	49.820	ng	#	96
75) Fluoranthene	19.630	202	590017	51.117	ng		97
77) Benzidine	19.806	184	35450	12.940	ng		99
78) Pyrene	19.994	202	602232	49.771	ng		98
80) Butylbenzylphthalate	20.852	149	253407	49.124	ng		95
81) Benzo(a)anthracene	21.868	228	557140	48.964	ng		99
82) 3,3'-Dichlorobenzidine	21.769	252	105342	20.717	ng	#	99
83) Chrysene	21.939	228	533483	49.933	ng		96
84) Bis(2-ethylhexyl)phtha...	21.727	149	361607	50.324	ng		97
85) Di-n-octyl phthalate	22.991	149	613300	50.940	ng		99
87) Indeno(1,2,3-cd)pyrene	29.207	276	614860	50.536	ng	#	96
88) Benzo(b)fluoranthene	24.201	252	570409	54.581	ng	#	95
89) Benzo(k)fluoranthene	24.271	252	534502	50.420	ng	#	97
90) Benzo(a)pyrene	25.129	252	542998	59.877	ng	#	95
91) Dibenzo(a,h)anthracene	29.266	278	514392	51.320	ng	#	92
92) Benzo(g,h,i)perylene	30.441	276	513371	51.786	ng	#	93

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

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