Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101220\
Data File : BG046848.D
Acq On : 12 Oct 2020 15:42
Operator : CG/JU
Sample : L4291-04MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PAV-B4-100620-0-10MSD

Manual Integrations APPROVED
mohammad
10/13/2020 2:59:45 PM

Quant Time: Oct 12 16:31:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 07 11:38:17 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.106	152	67290	20.00	ng		0.00
21) Naphthalene-d8	10.914	136	253607	20.00	ng		0.00
39) Acenaphthene-d10	14.727	164	184302	20.00	ng		0.00
64) Phenanthrene-d10	17.471	188	481106	20.00	ng	#	0.00
76) Chrysene-d12	21.749	240	528361	20.00	ng	#	0.00
86) Perylene-d12	25.015	264	529398	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.667	112	501826	119.47	ng		0.00
7) Phenol-d6	7.260	99	624109	105.34	ng		0.00
23) Nitrobenzene-d5	9.269	82	489559	102.70	ng		0.00
42) 2,4,6-Tribromophenol	16.214	330	399164	164.25	ng		0.00
45) 2-Fluorobiphenyl	13.353	172	1114873	85.64	ng		0.00
79) Terphenyl-d14	20.074	244	2236752	84.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.576	88	65597	33.47	ng	#	34
3) Pyridine	3.975	79	173529	31.30	ng		96
4) n-Nitrosodimethylamine	3.875	42	109383	37.70	ng	#	74
6) Aniline	7.424	93	154129	21.53	ng		91
8) 2-Chlorophenol	7.665	128	189573	45.29	ng		95
9) Benzaldehyde	7.236	77	46763	9.56	ng	#	83
10) Phenol	7.289	94	229780	38.96	ng		83
11) bis(2-Chloroethyl)ether	7.518	93	186985	41.02	ng		98
12) 1,3-Dichlorobenzene	7.994	146	224476	41.53	ng	#	93
13) 1,4-Dichlorobenzene	8.141	146	222109	41.47	ng		97
14) 1,2-Dichlorobenzene	8.464	146	219164	43.87	ng		96
15) Benzyl Alcohol	8.341	79	207127	42.52	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.629	45	265221	33.16	ng		98
17) 2-Methylphenol	8.541	107	163733	43.24	ng	#	90
18) Hexachloroethane	9.193	117	79457	39.32	ng		96
19) n-Nitroso-di-n-propyla...	8.911	70	160834	39.59	ng		94
20) 3+4-Methylphenols	8.870	107	227531	44.08	ng		93
22) Acetophenone	8.928	105	310626	42.17	ng	#	92
24) Nitrobenzene	9.310	77	244624	47.01	ng		91
25) Isophorone	9.833	82	440757	42.36	ng	#	93
26) 2-Nitrophenol	10.021	139	111735	59.40	ng	#	82
27) 2,4-Dimethylphenol	10.074	122	178046	47.35	ng		90
28) bis(2-Chloroethoxy)met...	10.315	93	247986	38.63	ng		97
29) 2,4-Dichlorophenol	10.556	162	215733	47.69	ng		95
30) 1,2,4-Trichlorobenzene	10.773	180	225767	41.82	ng		96
31) Naphthalene	10.967	128	580502	42.20	ng		99
32) Benzoic acid	10.174	122	69458	29.32	ng		85
33) 4-Chloroaniline	11.067	127	46039	7.56	ng	#	93
34) Hexachlorobutadiene	11.255	225	160921	40.65	ng		95
35) Caprolactam	11.843	113	65652m	42.85	ng		
36) 4-Chloro-3-methylphenol	12.177	107	238170	48.98	ng		85
37) 2-Methylnaphthalene	12.565	142	438203	42.97	ng	#	95
38) 1-Methylnaphthalene	12.783	142	417714m	44.13	ng		
40) 1,2,4,5-Tetrachloroben...	12.930	216	278822	42.08	ng	#	97
41) Hexachlorocyclopentadiene	12.912	237	323135	83.85	ng		99
43) 2,4,6-Trichlorophenol	13.165	196	202903	48.70	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.235	196	218478	52.10	ng	#	95
46) 1,1'-Biphenyl	13.564	154	610718	43.10	ng		96
47) 2-Chloronaphthalene	13.611	162	471923	40.99	ng		97
48) 2-Nitroaniline	13.805	65	172789	56.53	ng	#	84
49) Acenaphthylene	14.451	152	729367	43.04	ng		98
50) Dimethylphthalate	14.181	163	699315	47.50	ng		100
51) 2,6-Dinitrotoluene	14.299	165	146709	61.32	ng	#	75
52) Acenaphthene	14.792	154	521032	45.28	ng		95
53) 3-Nitroaniline	14.622	138	80746	29.87	ng	#	83
54) 2,4-Dinitrophenol	14.827	184	92767	71.00	ng	#	79
55) Dibenzofuran	15.127	168	774868	44.60	ng		96
56) 4-Nitrophenol	14.927	139	261637	117.50	ng	#	68
57) 2,4-Dinitrotoluene	15.080	165	218859	69.08	ng	#	80
58) Fluorene	15.773	166	650982	46.79	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.344	232	220128	52.52	ng	#	93
60) Diethylphthalate	15.538	149	679719	45.92	ng		95
61) 4-Chlorophenyl-phenyle...	15.767	204	367549	46.27	ng		98
62) 4-Nitroaniline	15.791	138	155673	51.86	ng	#	65
63) Azobenzene	16.055	77	617189	42.42	ng		92
65) 4,6-Dinitro-2-methylph...	15.844	198	105069	52.61	ng		88
66) n-Nitrosodiphenylamine	15.979	169	608750	42.12	ng		98
67) 4-Bromophenyl-phenylether	16.660	248	260031	42.78	ng		99
68) Hexachlorobenzene	16.778	284	270693	41.39	ng		92
69) Atrazine	16.919	200	207285	35.69	ng		94
70) Pentachlorophenol	17.119	266	342783	90.79	ng		92
71) Phenanthrene	17.512	178	1136726	43.52	ng		97
72) Anthracene	17.606	178	1145820	44.46	ng		98
73) Carbazole	17.871	167	1065168	45.41	ng		98
74) Di-n-butylphthalate	18.429	149	1260302	43.72	ng	#	97
75) Fluoranthene	19.516	202	1496738	44.99	ng		97
77) Benzidine	19.692	184	164540	10.10	ng		96
78) Pyrene	19.880	202	1513264	44.56	ng		100
80) Butylbenzylphthalate	20.762	149	579159	44.13	ng		91
81) Benzo(a)anthracene	21.725	228	1518716	43.05	ng		100
82) 3,3'-Dichlorobenzidine	21.637	252	358568	26.19	ng		97
83) Chrysene	21.796	228	1454618	43.16	ng		99
84) Bis(2-ethylhexyl)phtha...	21.631	149	825641	42.83	ng		98
85) Di-n-octyl phthalate	22.859	149	1406680	42.43	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.746	276	1787652	45.64	ng	#	90
88) Benzo(b)fluoranthene	23.981	252	1573470	45.35	ng	#	98
89) Benzo(k)fluoranthene	24.052	252	1518987	45.54	ng	#	97
90) Benzo(a)pyrene	24.863	252	1421333	43.54	ng	#	97
91) Dibenzo(a,h)anthracene	28.823	278	1462101	45.64	ng	#	96
92) Benzo(g,h,i)perylene	29.927	276	1481298	47.28	ng	#	94

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

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